

Recent IBM patents

The following patents were recently issued by the countries in which the inventions were made.

Canada

83,873	J. R. Grieve, K. W. Locker, and M. R. Ball	Information and services transaction kiosk
2,010,056	C. Hall, J. O'Brien, and P. Markstein	Method for improving the efficiency of arithmetic code generation in an optimizing compiler using machine independent update instruction
2,095,448	E. A. Merks, M. Rendall, P. J. Beaudet, and R. Spall	Window management system utilizing icons and miniature windows
2,097,540	E. Arjomandi and G. O'Farrell William	Accessing remote data objects in a distributed memory environment

Germany

19,702,049.6	A. Schaal, M. Deindl, and W. Haenel	Certification of cryptographic keys for chipcards
3,856,187,508	W. Zapka	Removal of particles from solid-state surfaces by laser bombardment

Japan

2,776,493	K. Suzuki and Y. Kozasu	Reverse current protector from battery and external power detector circuit in notebook PC
2,777,549	H. Matsuda and K. Takahashi	Vertical latch (on the VCM)
2,777,698	H. Maruyama, M. Morohashi, S. H. Ogino, and T. Tsutsumi	Navigation for information retrieval system
2,788,604	S. H. Asaka and T. Echigo	Algorithm for coding of two-dimensional tag and its reader
2,788,867	N. Doi	Armature blocking type print head

Switzerland

592,747	G. Cherubini, G. Ungerboeck, and S. Oelcer	Adaptive equalizing apparatus and method for token ring transmission systems using unshielded twisted pair cables
601,260	G. Ungerboeck	Full duplex start-up method for modems
750,769	E. Ruetsche and M. Kaiserswerth	Method and apparatus for synchronization and scheduling of multiple data streams and real-time tasks

United Kingdom

554,596	C. L. Bird and S. G. Chapman	Data interpretation
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United States

5,729,148	E. F. Lopergolo and J. M. Sullivan	Probe assembly
5,729,159	J. E. Gersbach	Multiple reference sense amplifier
5,729,190	N. Iyengar and S. E. McCormack	Dynamic comparator circuit for cache memories
5,729,201	A. Schrott, C. Jahnes, M. Paunovic, R. J. Gambino, and R. J. Von Gutfeld	Identification tags using amorphous wire

5,729,228	J. A. Thomas, J. T. Robinson, and P. A. Franaszek	Parallel compression and decompression using a cooperative dictionary
5,729,250	A. R. Cox, A. W. Connor, D. Crompton, E. H. Bishop, and M. G. McDonald	Front cover assembly for a touch sensitive device
5,729,294	E. Linzer and H. Peterson	Motion video compression system with novel adaptive quantization
5,729,383	A. E. Rosenbluth, J. C. Chastang, and K. B. Kirtley	Oblique viewing microscope system
5,729,397	G. J. Smith and H. H. Ottesen	System and method for recording direct access storage device operating statistics
5,729,399	T. A. Nguyen and T. R. Albrecht	Contact start/stop disk drive with minimized head-disk wear in textured landing zone
5,729,410	R. E. Fontana and S. S. Parkin	Magnetic tunnel junction device with longitudinal biasing
5,729,440	A. K. Sarkhel, L. H. White, and M. A. Jimarez	Solder hierarchy for chip attachment to substrates
5,729,464	K. Dimitri	Media identification in an automated data library
5,729,472	R. Seiffert and S. Wong	Monitoring architecture
5,729,481	E. M. Schwarz	Method and system of rounding for quadratically converging division or square root
5,729,501	J. S. Muhich, L. B. Phillips, and R. P. Masleid	High speed SRAM with or-gate sense
5,729,656	D. Nahamoo and M. Padmanabhan	Reduction of search space in speech recognition using phone boundaries and phone ranking
5,729,682	D. C. Spelce, E. Marquis, J. Pickering, and R. A. Young	Method of managing network applications in a peer-to-peer computer network environment
5,729,697	M. Schkolnick and R. J. Von Gutfeld	Intelligent shopping cart
5,729,710	F. L. Rawson III, G. G. Sotomayor, Jr., and J. M. Magee	Method and apparatus for management of mapped and unmapped regions of memory in a microkernel data processing system
5,729,726	C. P. Roth, E. H. Welbon, and F. E. Levine	Method and system for performance monitoring efficiency of branch unit operation in a processing system
5,729,739	G. Cantin, G. Copeland, and R. H. Sessions	Persistent object mapping system and method with abstract schema mapper
5,729,742	F. J. Ricchio and M. W. Harbinski	Parallel processing and block level sharing of sequentially inserted and sequentially retrieved journal data
5,729,744	C. H. Gerken and S. R. Joines	Method and system of enhanced version control of objects in a data processing system using change control information
5,729,896	C. S. Milkovich, G. J. Gaudenzi, H. M. Dalal, and K. Fallon	Flip chip attach on flexible circuit carrier using chip with metallic cap on solder
5,730,620	B. Chan, F. L. Chapin, and T. W. Blizinski	Method and apparatus for locating electrical circuit members
5,730,890	A. Viehbeck, D. G. McBride, H. R. Bickford, L. C. Matthew, M. Goldberg, P. J. Duke, S. L. Tisdale, and V. Markovich	Method for conditioning halogenated polymeric materials and structures fabricated therewith
5,730,932	A. K. Sarkhel and C. G. Woychik	Lead-free, tin-based multi-component solder alloys
5,731,076	C. J. Lin	Recording media
5,731,245	K. V. Srikrishnan, M. Tejwani, and R. V. Joshi	High aspect ratio low resistivity lines/vias with a tungsten-germanium alloy hard cap
5,731,246	H. K. Lee, P. E. Bakeman, Jr., and S. E. Luce	Protection of aluminum metallization against chemical attack during photoresist development
5,731,385	C. J. Knors, E. Macy, and W. M. Moreau	Polymeric dyes for antireflective coatings
5,731,547	D. P. Labzentis, J. Reid, M. D. Derwin, and T. L. Sharp	Circuitized substrate with material containment means and method of making same
5,731,619	S. Subbanna	CMOS structure with FETs having isolated wells with merged depletions
5,731,624	R. M. Geffken, R. R. Uttecht, and W. T. Motsiff	Integrated pad and fuse structure for planar copper metallurgy
5,731,697	A. Halperin, L. Li, S. G. Barbee, and T. F. Heinz	In-situ monitoring of the change in thickness of films
5,731,737	H. C. Cranford and S. Huss	Method and apparatus for reducing clock switching noise in continuous time filters
5,731,877	C. P. Ausschnitt	Automated system utilizing self-labeled target by pitch encoding
5,731,926	F. D. Gallo, H. E. Hausler, and S. M. Rockwell	Convenience input/output station
5,731,941	M. Hargrove and S. H. Voldman	Electrostatic discharge suppression circuit employing trench capacitor
5,731,945	C. L. Bertin, E. L. Hedberg, J. M. Leas, and S. H. Voldman	Multichip semiconductor structures with consolidated circuitry and programmable ESD protection for input/output nodes
5,731,985	J. Sayah and R. Gupta	Chip sizing for hierarchical designs

5,732,005	J. A. Kahle, T. Ngo, A. D. Ogden, M. Putrino, and J. M. Sell	Single-precision, floating-point register array for floating-point units performing double-precision operations by emulation
5,732,082	J. K. Lee, M. C. Wartski, and R. E. Schroter	System and methods for multi-frame received queuing with sorting in an asynchronous transfer mode system
5,732,086	R. T. Tung and S. C. Liang	System and method for determining the topology of a reconfigurable multi-nodal network
5,732,126	G. Fitzpatrick and M. L. Williams	Telephone answering overflow to electronic mail
5,732,200	J. A. Martin, Jr., P. D. Heinlein, R. D. Orth, and T. L. Becker	Integration of groupware with the quality function deployment methodology via facilitated work sessions
5,732,206	G. Mendel	Method, apparatus and program product for disruptive recovery in a data processing system
5,732,215	H. H. Ottesen and Z. E. Boutaghou	System for equalizing operating temperature by allocating infrequently accessed data to the high temperature DASD and allocating frequently accessed data to the low temperature DASD
5,732,220	B. J. Mayfield and C. A. Schwendiman	Method and apparatus for testing device bus resource resolution
5,732,228	W. Jaaskelainen, Jr.	Method and system for per widget graphical pointer control within a data processing system graphical user interface
5,732,232	A. P. Brush, C. Dryer, D. Lection, and D. R. Wood	Method and apparatus for directing the expression of emotion for a graphical user interface
5,732,233	N. G. Thoma and P. J. Klim	High speed pipeline method and apparatus
5,732,234	B. Blaner and S. Vassiliadis	System for obtaining parallel execution of existing instructions in a particular data processing configuration by compounding rules based on instruction categories
5,732,235	J. A. Kahle, L. B. Phillips, and S. Mallick	Method and system for minimizing the number of cycles required to execute semantic routines
5,732,246	B. A. Worth, F. R. Keyser, S. W. Gould, and W. R. Larsen	Programmable array interconnect latch
5,732,262	H. L. Gillespie and M. M. Powers	Database definition language program generator
5,732,263	G. L. Havens, H. Seabold, J. Stouffer, and M. Vaughan	Systems, methods and computer program products for generating and validating user defined object classes in an object oriented programming environment after build time
5,732,269	D. L. Meck, M. A. Wright, and S. B. Compton	Data adapter
5,732,271	A. Shukla and R. E. Berry	Data processing system and method for processing an object oriented development environment employing property inheritance using prototypical objects
5,732,280	M. R. Turner and R. Bealkowski	A method and apparatus for dynamically assigning programmable option select identifiers
5,732,283	J. Celi, Jr. and R. A. Rose	System and method of providing universal support for multiple pointing devices
5,732,402	T. J. Lehman	System and method for data space management using buddy system space allocation
5,732,462	A. R. Baker	Fixture for assembling electronic circuit modules
5,733,466	B. O. Benebo, E. G. Benjamin, J. J. Konrad, J. M. Zalesinski, R. D. Edwards, and T. L. Wells	Electrolytic method of depositing gold connectors on a printed circuit board
5,733,622	D. H. Piltingsrud, J. D. Amundson, and S. F. Starcke	Edge strengthened substrate of a data storage disk and method for fabricating same
5,733,705	A. Katnani, D. Yang, G. J. Hefferon, M. Khojasteh, N. R. Bantu, R. Sooriyakumaran, W. R. Brunsvold, and W. S. Huang	Acid scavengers for use in chemically amplified photoresists
5,734,130	R. G. Baker	Digitizing apparatus having array of hall effect sensors
5,734,192	D. N. Maynard, E. Sengle, E. J. White, J. Bracchitta, M. A. Lavin, and M. D. Jaffe	Trench isolation for active areas and first level conductors
5,734,196	A. Lanzetta, I. C. Noyan, M. J. Palmer, and R. Horton	Electronic packaging shaped beam lead fabrication
5,734,519	C. Hwang, C. D. Snyder, C. E. Yeack-Scranton, R. E. Fontana, T. C. Reiley, and V. J. Novotny	Contact magnetic recording disk file with improved head assembly
5,734,524	O. J. Ruiz	Head suspension assembly supported by an air bearing surface
5,734,527	R. C. Reinhart	Disk drive magnetic actuator latch mechanism
5,734,560	D. B. Stone, J. S. Kamperman, and T. P. Gall	Cap providing flat surface for DCA and solder ball attach and for sealing plated through holes, multi-layer electronic structures including the cap
5,734,568	K. W. Borgendale and W. S. Rosenbaum	Data processing system for merger of sorting information and redundancy information to provide contextual predictive keying for postal address
5,734,582	A. R. Bertolet, F. R. Keyser, K. Clinton, S. W. Gould, T. Reny, and T. Zittirsch	Method and system for layout and schematic generation for heterogeneous arrays

5,734,597	D. M. Ross and M. J. Molnar	Graphical user interface interaction between time and date controls
5,734,600	J. N. Dieffenderfer and J. W. Dieffenderfer	Polynomial multiplier method and apparatus
5,734,651	B. C. Housel, D. B. Blakeley, J. R. Hind, and W. A. Kingston	Transaction message routing in digital communication networks
5,734,663	T. H. Labean	Correcting long bursts of consecutive errors without requiring a pointer
5,734,676	A. D. Dingsor	Apparatus, method and article of manufacture for carrier frequency compensation in a FM radio receiver
5,734,764	F. M. Bozso and P. G. Emma	Method and apparatus for achieving a fully-connected nonblocking optical crossbar switch having wide transfer paths and minimal latency by exploiting the transparency of silicon at selected wavelengths
5,734,805	P. Hanna and S. H. Isensee	Method and apparatus for virtual navigation
5,734,806	C. Narayanaswami	Method and apparatus for determining graphical object visibility
5,734,818	C. W. Mikkelsen, G. E. McBride, M. Shackelford, R. Shomler, R. F. Kern, R. M. Kern, and W. F. Micka	Forming consistency groups using self-describing record sets for remote data duplexing
5,734,819	D. O. Lewis	Method and apparatus for validating system operation
5,734,826	H. T. Olnowich, J. Bruck, and M. M. Blaum	Variable cyclic redundancy coding method and apparatus for use in a multistage network
5,734,829	B. R. Robinson	Method and program for processing a volume of data on a parallel computer system
5,734,835	E. J. Selker	Inexpensive world wide web terminal appliance using disk synchronized with raster refresh for storage of displayed pages
5,734,840	H. J. Locker, P. F. Chew, and T. Dang	PCI and expansion bus riser card
5,734,846	P. G. Robertson	Method for avoiding livelock on bus bridge
5,734,861	J. M. Menon, O. Cohn, and R. L. Mattson	Log-structured disk array with dynamically-tuned seek affinity
5,734,884	H. H. Hall, R. Eberhard, and S. Lakshmi	Database execution cost and system performance estimator
5,734,885	K. Shim and R. Agrawal	System and method for tightly coupling application programs with relational databases
5,734,887	B. J. Martin, D. G. Kingberg, and E. M. McCubbin	Method and apparatus for logical data access to a physical relational database
5,734,888	B. A. Tate and S. G. Li	Method and apparatus for searching a database
5,734,893	C. S. Li, J. Turek, M. S. Chen, and V. Castelli	Progressive content-based retrieval of image and video with adaptive and iterative refinement
5,734,900	J. M. Kaiser and W. E. Maule	Information handling system including efficient power on initialization
5,734,909	R. B. Bennett	Method for controlling the locking and unlocking of system resources in a shared resource distributed computing environment
5,734,910	D. R. Russell, L. W. Loen, M. J. Corrigan, P. B. Winterfield, and S. L. Jones	Integrating multi-modal synchronous interrupt handlers for computer systems
5,734,921	J. R. Stupp, J. W. Dieffenderfer, M. C. Dapp, R. E. Miles, R. E. Nier, and V. J. Smoral	Advanced parallel array processor computer package
5,735,036	A. J. Wallash, A. M. Desouches, C. Inouye, D. J. Seagle, G. A. Garfunkel, J. P. Herber, R. G. Biskeborn, R. O. Barr, and S. J. Lewis	Lapping process for minimizing shorts and element recession at magnetic head air bearing surface
5,735,196	G. L. Stewart, R. L. Trollinger, and S. Jordan	Apparatus for applying a force to laminated integrated circuit devices
5,735,450	C. G. Heim, C. R. Le Coz, and R. H. Lewis	Apparatus and method for heating a board-mounted electrical module for rework
5,735,452	A. G. Merryman, J. P. Wood, K. Kelly, P. M. O'Leary, R. Yu, and W. Brearley	Ball grid array by partitioned lamination process
5,735,546	J. M. Kurtzberg and M. Levanoni	Method for controlling a manufacturing process utilizing control charts
5,735,707	G. Oldenburg, K. F. Tharp, R. D. O'Groske, R. V. Tointon, S. J. Shirk/Heath, and S. M. Thorvilson	Multi-directional shielded cable exit
5,736,279	D. W. Wilhite, G. D. Mott, and R. Romonosky	Accurate drilling of probe holes in the insulating plate of an electrical test head
5,736,301	B. Herbst, G. T. Spinillo, J. T. Fahey, K. M. Welsh, L. L. Linehan, R. L. Wood, and W. M. Moreau	Antireflective coating for microlithography
5,736,623	B. K. Furman and M. Angelopoulos	Methods of fabrication of deaggregated electrically conductive polymers and precursors thereof
5,736,646	A. Zubelewicz, G. T. Dickinson, J. L. McGinniss, Jr., and R. F. Tokarz	Circuit board assembly torsion tester and method

5,736,679	D. N. Light, J. R. Wilcox, and J. S. Kresge	Deformable interconnect structure for connecting an internal plane to a through-hole in a multilayer circuit board
5,736,810	J. A. Mandelman and M. D. Potter	Non-evacuated lateral FED employing emitter-anode spacing less than mean free path distance of an electron in air
5,736,891	H. J. Shin, J. B. Kuang, L. L. Hsu, M. J. Saccamango, S. Ratanaphanyarat, and T. N. Buti	Discharge circuit in a semiconductor memory
5,736,929	A. Schrott, R. J. Gambino, and R. J. Von Gutfeld	System for concealed serialization utilizing a soft magnetic antitheft element
5,736,952	J. M. Poss and R. A. Kertis	Current boost for differential flash analog to digital converter driver
5,736,974	E. J. Selker	Method and apparatus for improving visibility and selectability of icons
5,736,985	D. Lection and M. E. Molander	GUI pushbutton with multi-function mini-button
5,737,020	A. Y. Ngai, B. A. Hall, and J. M. Sutton	Adaptive field/frame encoding of discrete cosine transform
5,737,023	E. Linzer	Hierarchical motion estimation for interlaced video
5,737,028	L. Steelman and R. L. Bertram	Previous channel listing with cursor controlled user interface for television video displays
5,737,151	D. S. Chhabra, S. Gopalakrishna, and S. A. Bolasna	Roll insensitive air bearing slider
5,737,157	H. S. Gill	Disk drive with a thermal asperity reduction circuitry using a magnetoresistive sensor
5,737,171	B. T. Hoang, G. D. Carpenter, and M. L. Buller	Switched management of thermal impedance to reduce temperature excursions
5,737,240	D. B. Schreiber, E. Ellsworth, E. Q. Garcia, L. Phan, L. H. Evans, M. J. Kalos, R. O'Neill, S. S. Ghoman, and T. C. Jarvis	Programmable hardware mailbox message technique and system
5,737,255	E. M. Schwarz	Method and system of rounding for quadratically converging division or square root
5,737,270	D. J. Wager, J. Oppold, J. A. Svarczkopf, and M. R. Ouellette	Precharged wordline decoder with locally-controlled clock
5,737,344	J. Kulakowski, K. A. Belser, K. A. Rubin, and M. Blaum	Digital data storage with increased robustness against data loss
5,737,371	G. A. Jaquette	Realignment of data stream from an optical disk
5,737,416	H. Philips, R. F. Pryor, and T. E. Cooper	Method and apparatus for enabling trial period use of software products: method and apparatus for utilizing a decryption stub
5,737,425	M. Ajtai	Cryptosystem employing worst-case difficult-to-solve lattice problem
5,737,520	B. Willette, R. Gronlund, and W. M. Zevin	Method and apparatus for correlating logic analyzer state capture data with associated application data structures
5,737,524	A. Cohen, A. Parash, J. F. Logan, and W. G. Holland	Add-in board with programmable configuration registers for use in PCI bus computers
5,737,531	L. A. Ehley	Method and apparatus for synchronizing related multimedia streams
5,737,543	D. D. Gavin, D. C. Gillen, J. A. H. Haug, J. B. Partridge, L. W. Russell, and E. P. Smith	High performance communications path
5,737,555	L. E. Gregg and W. Jaaskelainen, Jr.	Method for rapid repositioning of a display pointer
5,737,558	J. T. Robinson and J. W. Knight	Multi-column windows
5,737,565	M. J. Mayfield	System and method for diallocating stream from a stream buffer
5,737,575	B. Blaner	Interleaved key memory with multi-page key cache
5,737,576	M. Breternitz, Jr.	Method and system for efficient instruction execution in a data processing system having multiple prefetch units
5,737,578	E. Hennenhoefler and J. Raymond	Apparatus and method for partitioning multiport RAMs
5,737,580	D. J. Hathaway, D. J. Mainiero, D. W. Kemerer, J. Metz, J. H. Panner, and W. J. Livingstone	Wiring design tool improvement for avoiding electromigration by determining optimal wire widths
5,737,592	T. M. Nguyen and V. Srinivasan	Accessing a relational database over the internet using a macro language file containing both SQL and HTML statements
5,737,597	J. L. Howe III and K. R. Blackman	A method for cataloging datastore characteristics and defining and generating datastore persistent objects
5,737,598	J. L. Howe III and K. R. Blackman	A method for capturing and cataloging specifications for datastore persistent cases
5,737,600	D. J. Zimmer, J. H. Warnes, J. M. Nick, M. Phillips, and R. V. Geiner	Method and system for log management in a coupled data processing system
5,737,614	C. M. Durham and P. J. Klim	Dynamic control of power consumption in self-timed circuits
5,737,617	A. Bernth, A. T. Tanabe, and M. C. McCord	Method and system for English text analysis
5,737,636	C. A. Freymuth and D. G. Caffo	Method and system for detecting bypass errors in a load/store unit of a superscalar processor

5,737,638	A. A. Slane, A. J. Meyer, G. S. Delp, J. W. Byrn, P. L. Leichty, and R. J. Manulik	System for determining plurality of data transformations to be performed upon single set of data during single transfer by examining communication data structure
5,737,749	R. B. Patel	Method and system for dynamically sharing cache capacity in a microprocessor
5,737,751	R. B. Patel and S. Park	Cache memory management system having reduced reloads to a second level cache for enhanced memory performance in a data processing system
5,738,440	J. Singh and J. A. O'Neill	Combined emissivity and radiance measurement for the determination of the temperature of a radiant object
5,738,531	D. E. Massey, D. P. Beaman, and J. S. Corbin	Self-aligning low profile socket for connecting ball grid array devices through a dendritic interposer
5,738,568	B. Jurjevic, M. K. Miller, and R. Lebel	Flexible tilted wafer carrier
5,739,045	J. A. Hildebeitel and J. E. Cronin	Semiconductor device with increased on chip decoupling capacitance
5,739,048	J. J. Kotla and R. Kerth	Magnetic recording head—slider handling improvement
5,739,057	S. Tiwari and S. Wind	Method of making self-aligned dual gate MOSFET with an ultranarrow channel
5,739,545	J. M. Karasinski, R. Haight, R. R. Troutman, and S. Guha	Organic light emitting diodes having transparent cathode structures
5,739,597	E. M. Najm, R. Wells, and W. D. Bailey	Adapter design for dual sourced power
5,739,654	E. E. Weissmann and S. K. Doran	Precision tool control system for a workpiece positioning apparatus
5,739,700	D. E. Martin	Method and apparatus with dual circuitry for shifting the level of a signal
5,739,725	C. J. Masenas, F. D. Ferraiolo, and J. E. Gersbach	Digitally controlled oscillator circuit
5,739,754	A. Schrott, H. Heinrich, M. J. Brady, P. A. Moskowitz, R. J. Gambino, R. J. Von Gutfeld, and T. Cofino	Circuit antitheft and disabling mechanism
5,739,824	B. L. Dietrich, E. J. Poole, J. M. Tang, J. P. Fasano, and W. C. Dietrich	Method and apparatus for conveying higher-dimensional tabular information to people using lower-dimensional output devices
5,739,929	R. M. Macfarlane	Method and device for holographic storage
5,739,972	G. J. Smith and H. H. Ottesen	Method and apparatus for positioning a magnetoresistive head using thermal response to servo information on the record medium
5,739,980	P. E. Brooks	Seal for disk drives
5,739,982	D. D. Palmer, M. K. Shafe, R. G. Simmons, S. Pattanaik, and S. P. Arya	Laser treatment of head gimbal assembly components
5,739,984	E. A. Eckberg	Damping loop for a tape drive actuator with a servo control system
5,739,988	H. S. Gill	Spin valve sensor with enhanced magnetoresistance
5,739,994	G. J. Smith and H. H. Ottesen	Optimally banded disk for use with multiple frequency channel
5,740,061	B. A. McNaughton, D. J. Winarski, D. W. Dewey, K. Dimitri, and R. J. Means	Cartridge shifting optimization in a super library
5,740,067	D. J. Hathaway	Method for clock skew cost calculation
5,740,071	W. C. Leipold	Method and apparatus for selective shape adjustment of hierarchical designs
5,740,094	P. J. Klim	Self-timed multiplier array
5,740,098	A. L. Roberts, J. J. Covino, J. R. Sousa, and R. C. Flaker	Using one memory to supply addresses to an associated memory during testing
5,740,145	C. DeCusatis and L. Jacobowitz	Active focus alignment system for multiplayer optical disk storage based on dither frequency doubling
5,740,186	A. X. Widmer	Apparatus and method for error correction based on transmission code violations and parity
5,740,201	D. T. Hui	Dual differential and binary data transmission arrangement
5,740,353	B. W. O'Kafka, J. T. Kreulen, R. Raghavan, S. Salamian, and S. A. Mandyam	Method and apparatus for creating a multiprocessor verification environment
5,740,362	C. B. Harvey, D. A. Godwin, H. D. Hamilton, and K. I. Hansen	Management of network distributed agents in a distributed computing environment
5,740,364	B. C. Drerup	System and method for controlling data transfer between multiple interconnected computer systems with a portable input device
5,740,389	S. G. Li and T. J. Shrader	Scrolling a target window during a drag and drop operation
5,740,390	C. A. Pickover and M. S. Schwartz	Method and system for facilitating the selection of icons
5,740,399	M. J. Mayfield, M. T. Vaden, R. J. Reese, and T. H. Nguyen	Modified L1/L2 cache inclusion for aggressive prefetch
5,740,412	A. R. Pelella, P. F. Lu, and Y. H. Chan	Set-select multiplexer with an array built-in self-test feature
5,740,419	T. M. Potter	Processor and method for speculatively executing an instruction loop
5,740,422	B. Gengler, J. Lucas, J. M. Rolette, Jr., J. V. Meegan, R. C. Foltz, and T. G. Reish	Method and apparatus for resource management for a LAN server enterprise

5,740,437	B. R. Pierce, M. G. Mall, S. J. Greenspan, and S. J. Kinder	Separating work unit priority and accountability from address spaces
5,740,438	A. R. Sager, B. H. Ratcliff, and S. R. Valley	Methods and system for network communications of multiple partitions
5,740,443	P. R. Carini	Call-site specific selective automatic inlining
5,741,131	C. Collins, I. DiNunzio, J. P. DeGeorge, K. E. Bastian, M. Cohn, and R. Wuthrich	Stacking system for substrates and method
5,741,738	B. Machesney, H. Wong, J. A. Mandelman, M. Armacost, and P. H. Pan	Method of making corner protected shallow trench field effect transistor
5,742,021	L. Economikos, R. Hannon, R. Surprenant, and T. VanDuynhoven	High thermal conductivity substrate and the method of brazing a cap thereto
5,742,025	E. Dittmann and M. K. Saraiya	Laser reflow soldering process with lead-tin solder pads
5,742,065	D. J. Pinckney, J. L. Speidell, M. S. Gordon, and R. A. Kendall	Heater for membrane mask in an electron-beam lithography system
5,742,273	A. J. Hawes, C. Kocalski, M. Flinders, and M. M. Rengan	Monitor/adaptor interconnect extension (mix) architecture
5,742,283	M. Y. Kim	Hyperstories: organizing multimedia episodes in temporal and spatial displays
5,742,286	J. S. Kung and L. J. Lentz	Graphical user interface system and method for multiple simultaneous targets
5,742,287	D. Lection and M. E. Molander	Context sensitive borders for user selectable options
5,742,347	D. D. Kandlur and M. S. Chen	Efficient support for interactive playout of videos
5,742,449	C. G. Keller, T. A. Gregory, and T. S. Larson	Near contact magnetic recording using a liquid lubricant bearing to separate media and transducer
5,742,450	M. A. Moser	Disk drive spindle motor with radial gap and field generating coils interconnected by ring flux guide
5,742,452	J. J. Fatula and R. G. Simmons	Low mass magnetic recording head and suspension
5,742,455	Z. E. Boutaghou	Dual latch apparatus for restraining a direct access storage device actuator
5,742,457	R. E. Jones, Jr. and R. G. Simmons	Inductive-write magnetoresistive-read horizontal head for magnetic recording
5,742,483	A. K. Sarkhel, B. T. Ma, and P. K. Seto	Method for producing circuit board assemblies using surface mount components with finely spaced leads
5,742,499	D. C. Reynolds	Method and system for dynamically selecting a communication mode
5,742,533	R. C. Moncsko	Method and apparatus for modulus error checking
5,742,535	E. M. Schwarz, H. Ngo, L. Sigal, and R. M. Bunce	Parallel calculation of exponent and sticky bit during normalization
5,742,536	E. M. Schwarz, H. Ngo, L. Sigal, and R. M. Bunce	Parallel calculation of exponent and sticky bit during normalization
5,742,598	C. G. Harrison, D. W. Levine, E. H. Stern, J. J. Toohey, and J. M. Dunn	Network for efficiently locating resources and routing service requests received from individual node connections
5,742,641	A. D. Dingsor	Apparatus, method and article of manufacture for the dynamic compensation of FM deviation in a FM radio receiver
5,742,690	A. Edgar	Personal multimedia speaker system
5,742,758	B. R. Grimes, C. Dart, and S. Dunham	Method to password protect ROM based utilities in adapter ROMs
5,742,761	H. T. Olnowich, J. D. Jabusch, J. W. Feeney, M. A. Maniguet, M. H. Fisher, M. W. Dotson, and R. F. Lusch	Master microchannel apparatus for converting to switch architecture
5,742,784	C. H. Olson, J. S. Muhich, T. A. Elliott, and T. M. Potter	Method and system for reducing dispatch latency in a processor
5,742,785	H. S. Stone and J. M. Stone	Posting multiple reservations with a conditional store atomic operations in a multiprocessing environment
5,742,797	J. Celi, Jr., J. M. Wagner, and R. Louie	Dynamic off-screen display memory manager
5,742,802	A. Martin-de-Nicolas, G. Huber, R. S. Harter, and S. P. Song	Method and system for efficiently mapping guest instructions in an emulation assist unit
5,742,810	F. T. Sharp, G. H. Roth, I. A. Wang, J. Ng, M. H. Pirahesh, and T. M. Lo	System, method and computer program product for passing host variables to a database management system
5,742,811	R. Agrawal and R. Srikant	Method and system for mining generalized sequential patterns in a large database
5,742,812	D. G. Feitelson, P. Corbett, and S. J. Baylor	Parallel network communications protocol using token passing
5,742,826	E. E. Voldal, J. C. Endicott, S. J. Munroe, S. L. Halter, and X. Xu	Object encapsulation protection apparatus
5,742,830	A. A. Helffrich, B. B. Moore, D. A. Elko, J. A. Frey, J. F. Isenberg, J. M. Nick, J. P. Strickland, and M. D. Swanson	Method and apparatus for performing conditional operations on externally shared data
5,742,833	F. M. Dea, G. Tsao, S. Shepler, and S. H. Lam	Programmable power management system and method for network computer stations

5,742,838	C. Lim, K. Y. Rho, and V. F. Wu	A method for conversion mode selection in hangeul to hanja character conversion
5,742,996	D. Gerson, E. Sanicky, G. L. Heitkamp, J. P. Hollowell, N. K. Frater, O. J. Ruiz, P. W. Kanas, and T. M. Hoffmann	Transducer suspension system and method
5,743,004	A. Petrovich, D. W. Miller, G. A. Valenta, I. I. Chobot, J. A. Covert, K. D. Mansfield, L. A. Tiemann, P. C. Sviedrys, R. A. Neira, R. L. Haight, and T. B. Youngs, Jr.	Printed circuit board of card thermal mass design
5,743,794	G. M. Chrysler and R. C. Chu	Method for field upgrading of air cooling capacity
5,744,214	H. H. Chen and P. H. Berasi	Corrosion resistant molybdenum mask
5,744,384	E. Adler, L. Ternullo, R. W. Mann, S. Kulkarni, and W. Rausch	Improvements in semiconductor structures which incorporate thin film transistors
5,744,386	D. Kenney	Method of fabricating a memory cell in a substrate trench
5,744,431	A. Diaz, H. S. Nagaraj, M. Nguyen, R. D. Johnson, and T. E. Karis	Conductive lubricant for magnetic disk drives
5,744,537	C. F. Lyons, G. J. Hefferon, R. L. Wood, W. M. Moreau, and W. R. Brunsfold	Antireflective coating films
5,744,752	D. M. McHerron and H. T. Toy	Hermetic thin film metallized sealband for SCM and MCM-D modules
5,744,759	J. Funari, J. G. Ameen, and M. J. Funari	Circuit boards that can accept a pluggable tab module that can be attached or removed without solder
5,744,863	H. Shaukatullah, M. A. Gaynes, P. K. Seto, and T. M. Culnane	Chip carrier modules with heat sinks attached by flexible-epoxy
5,744,975	B. D. Notohardjono and V. Cozzolino	Enhanced defect elimination process for electronic assemblies via application of sequentially combined multiple stress processes
5,744,976	J. A. Hatley and R. J. Caggiano	Floating guide plate test fixture
5,745,000	D. M. Dreps and D. W. Boerstler	CMOS low voltage current reference
5,745,058	D. J. Auerbach, D. J. Craft, and R. Montoye	Method and system for compressing microcode to be executed within a data processing system
5,745,094	A. M. Homola, B. A. Smith, D. R. McKean, J. G. Gordon II, L. B. Schein, M. W. Hart, and S. A. Swanson	Electrophoretic display
5,745,100	C. Bates and J. M. Ryan	Input device pointer remap region on a computer display
5,745,111	R. L. Poston and T. L. Cline	Method and system for automatic presentation of default-drop target icons at window borders
5,745,115	L. A. Williamson and L. J. Purple	Graphical user interface having a shared menu bar for opened applications
5,745,143	A. D. Edgar and S. C. Penn	Fluorescent reference tracks for an image scanning system
5,745,238	D. C. Long, G. Weiss, J. B. Pavelka, and K. F. Stroms	Apparatus and method for non-destructive inspection and/or measurement
5,745,333	J. A. Frankeny, J. L. Rice, R. F. Frankeny, R. L. Imken, and T. F. Hayden	Laminar stackable circuit board structure with capacitor
5,745,334	I. S. Mahmoud, J. G. Hoffarth, and J. M. Lauffer	Capacitor formed within printed circuit board
5,745,344	D. A. Baska, D. J. Becker, J. D. Bielick, M. Zumbrennen, and P. D. Isaacs	Heat dissipation apparatus and method for attaching a heat dissipation apparatus to an electronic device
5,745,360	M. W. Lumsden, P. T. Leone, and V. E. Pulizzi	Dynamic hypertext link converter system and process
5,745,376	G. E. Webb, G. F. Verrier, G. J. Battiloro, G. R. McClurg, and J. H. Barker	A method of detecting excessive keyboard force
5,745,385	F. A. Houle and W. D. Hinsberg	Method for stochastic and deterministic timebase control in stochastic simulations
5,745,386	B. Wile, D. Bair, and E. Kaminski	Timing diagram method for inputting logic design parameters to build a testcase for the logic diagram
5,745,422	J. A. Iadanza	Cross-coupled bitline segments for generalized data propagation
5,745,430	B. Krsnik, H. Wong, and T. Kiriata	Circuit and method to externally adjust internal circuit timing
5,745,431	D. Pontius, R. Kruggel, S. W. Tomashot, and T. Kiriata	Address transition detector (ATD) for power conservation
5,745,473	H. J. Rosen, K. A. Rubin, M. Best, and T. C. Strand	Multiple data layer optical disk with recorded information identifying the type of tracking
5,745,493	J. C. St. Clair	Method and system for addressing multiple components on a communication bus
5,745,498	G. S. Koch, J. Connor, L. Ternullo, and R. D. Adams	Rapid compare of two binary numbers

5,745,507	C. L. Chen	Systematic symbol level ECC for use in digital memory systems
5,745,570	E. E. Voldal	Object-oriented programming environment that provides object encapsulation via encryption
5,745,612	F. F. Tong, K. Liu, and W. K. Wang	Wavelength sorter and its application to planarized dynamic wavelength routing
5,745,639	J. M. Gensheimer	Apparatus for improving the continuous supply or display time of full-motion video and other data
5,745,652	J. P. Bigus	Adaptive resource allocation using neural networks
5,745,671	P. Hodges	Data storage system with localized XOR function
5,745,675	K. D. Herbig, M. A. McKelvey, and T. J. Warne	Object oriented framework mechanism for performing computer system diagnostics
5,745,678	A. Herzberg, A. V. Le, H. Krawczyk, M. Yung, S. Kutten, and S. M. Matyas	Method and system for the secured distribution of multimedia titles
5,745,680	D. A. Jones, D. P. Brooks, J. C. Fletcher, J. L. Klonowski, and O. H. Choi	Method and apparatus for interconnecting networks
5,745,698	J. M. Kaiser, R. K. Arimilli, M. S. Allen, and W. K. Lewchuk	System and method for communicating between devices
5,745,700	J. C. Caci	Multi-media video matrix address decoder
5,745,714	C. A. Pickover, D. J. Winarski, D. W. Glass, G. T. Kishi, J. G. McLean, and M. D. Hocker	Method and system in a data processing system for the association and display of a plurality of objects
5,745,715	C. A. Pickover and M. S. Schwartz	Method and system for facilitating the selection of icons
5,745,718	J. A. Moore, J. H. Werner, R. L. Poston, and T. L. Cline	Folder bar widget
5,745,728	E. R. Vanderslice and T. B. Genduso	Improved rep operation for X86 architecture machines
5,745,734	B. A. Worth, D. J. Craft, F. R. Keyser, and S. W. Gould	Method and system for programming a gate array using a compressed configuration bit stream
5,745,735	D. J. Hathaway and J. M. Cohn	Localized simulated annealing
5,745,744	R. A. Bechade	High speed mask generation using selection logic
5,745,747	A. Chang and H. I. Hsiao	Method and system of lock request management in a data processing system having multiple processes per transaction
5,745,750	T. J. Porcaro	Process and article of manufacture for constructing and optimizing transaction logs for mobile file systems
5,745,754	K. C. Lagarde and R. M. Rogers	Sub-agent for fulfilling requests of a web browser using an intelligent agent and providing a report
5,745,756	M. R. Henley	Method and system for managing movement of large multimedia data files from an archival storage to an active storage within a multimedia server computer system
5,745,761	J. Celi, Jr., J. M. Wagner, and R. Louie	Advanced graphics driver architecture with extension capability
5,745,762	J. Celi, Jr., J. M. Wagner, and R. Louie	Advanced graphics device architecture supporting multiple system emulations
5,745,763	B. G. Mealey, J. S. Peek, M. D. Rogers, M. S. Williams, and R. C. Swanberg	Method and apparatus for device driver funnelling
5,745,766	A. Bramnick, A. F. Snyder, J. R. Ure, N. Calvert, and T. M. McBride	PC product registration and tracking
5,745,768	L. C. Weber, L. E. England, R. Tallman, and T. Horiguchi	Computer program product and program storage device for supporting native and non-native signals transferred between processing entities of a computer program
5,745,780	G. Phan and J. E. Phillips	Method and apparatus for source lookup within a central processing unit
5,745,781	D. Joseph, H. Franke, K. Ekanadham, and P. Pattnaik	Memoryless communications adapter including queueing and matching primitives for scalable distributed parallel computer systems
5,745,895	H. R. Campbell, J. F. Farber, K. D. Seppi, M. J. Dockter, and R. E. Bingham	Method for association of heterogeneous information
5,745,914	B. J. Connolly, B. G. Hazelzet, M. W. Kellogg, and T. J. Dell	Technique for converting system signals from one address configuration to a different address configuration
5,745,945	P. A. Manfredi and R. G. Morris	Brush conditioner for a semiconductor cleaning brush
5,745,979	C. E. Yeack-Scranton, L. H. Lane, M. L. Williams, and R. E. Fontana	Magnetic head for recording with ultra low force
5,746,103	C. M. McCray, C. W. Turner, D. H. Addison, G. D. Hufford, and K. L. Schultz	Coin roll opening device
5,746,874	G. Natarajan and R. W. Pasco	Apparatus and method for forming cavity substrates using flexible preform insert
5,747,095	C. Prasad, E. D. Perfecto, G. E. White, G. J. Robbins, J. A. McDonald, K. B. Prasad, M. Swaminathan, and M. F. McAllister	Method for repairing defective electrical connections on multi-layer thin film (MLTF) electronic packages

5,747,101	J. M. Roldan, J. M. Zalesinski, M. A. Gaynes, R. B. Booth, R. F. Saraf, R. M. Murcko, and V. Puligandla	Direct chip attachment (DCA) with electrically conductive adhesives
5,747,223	D. H. Glatzel, D. J. Russell, G. M. Wallraff, J. R. Mertz, R. Day, R. D. Allen, and W. D. Hinsberg	Composition for photoimaging
5,747,802	E. N. Levine, K. Hummler, N. Arnold, and R. Weiland	An automated non-visual method of counting periodically arranged submicron objects
5,747,814	M. S. Gordon and P. F. Petric	Method for centering a lens in a charged-particle system
5,747,866	A. C. Ajmera, D. Dobuzinsky, E. N. Hammerl, H. Ho, H. Palm, J. F. Moseman, S. C. Ramac, and S. G. Fugardi	Application of thin crystalline Si ₃ N ₄ liners in shallow trench isolation (STI) structures
5,747,877	J. W. Wilson	Semiconductor chip package with enhanced thermal conductivity
5,748,007	P. Gaschke	Varying module thickness accommodating test and burn-in socket
5,748,009	A. R. Bertolet, B. A. Worth, C. M. Fuller, E. E. Millham, F. R. Keyser, G. Yasar, J. A. Iadanza, K. Clinton, S. Hartman, S. W. Gould, T. Reny, and T. Zittritsch	Programmable logic cell
5,748,012	B. A. Chappell, B. M. Fleischer, E. Seewann, M. Beakes, R. A. Haring, T. I. Chappell, and T. K. Jaber	Methodology to test pulsed logic circuit in pseudo-static mode
5,748,028	D. E. Martin	Method and apparatus for multi-level input voltage receiver circuit
5,748,184	J. M. Shieh	Virtual pointing device for touchscreens
5,748,195	S. I. Nin	Method and means for evaluating a tetrahedral linear interpolation function
5,748,240	J. D. Carr and J. M. Sutton	Optimal array addressing control structure comprising an I-frame only video encoder and a frame difference unit which includes an address counter for addressing memory addresses
5,748,399	H. S. Gill	Resettable symmetric spin valve
5,748,415	E. A. Cunningham and J. A. Christner	Magnetoresistive head with a magnetoresistive film shaped to provide an improved read sensitivity profile
5,748,443	G. McVicker and J. P. Karidis	Mating adapter between a module and chassis of a computer processing system
5,748,451	C. V. Zenz, Sr. and G. A. Thompson	Power distribution/stiffener for active back plane technologies
5,748,452	J. M. Londa	Multi-electronic device package including first and second substrates bonded together by first and second encapsulants
5,748,489	H. J. Beatty, I. Pramanick, P. Elmendorf, and R. Gillis	Parallel execution of a complex task partitioned into a plurality of entities
5,748,643	A. R. Pelella, J. J. Scharff, and P. T. Liu	Fast scan GRA cell circuit
5,748,855	C. P. Roth, E. H. Welbon, and F. E. Levine	Method and system for performance monitoring of misaligned memory accesses in a processing system
5,748,863	G. C. Fossum	Method and system for fast interpolation of depth buffer values in a computer graphics display system
5,748,866	A. Edgar	General purpose computer display adapter system and method
5,748,883	B. A. Carlson, F. L. Huss, N. M. Schmucki, and R. E. Zelenski	Distributed device status in a clustered system environment
5,748,919	D. J. Krolak, H. L. Blackmon, J. A. Marcella, K. H. Haselhorst, L. E. Grosbach, P. J. Paulson, and R. Drehmel	Shared bus non-sequential data ordering method and apparatus
5,748,925	J. G. Waclawsky, P. C. Hershey, and R. F. Daugherty	Dynamic realtime routing in a data communications network
5,748,929	G. L. Haas and T. E. Conrad	A program storage device and computer program product for interactively managing a distributed database system
5,748,938	J. A. Kahle	System and method for maintaining coherency of information transferred between multiple devices
5,748,944	T. C. Ng	Apparatus for slave DMA emulation on a computer system bus
5,748,945	T. C. Ng	Method for slave DMA emulation on a computer system bus
5,748,946	B. O. Schneider	Method and apparatus for improved graphics picking using auxiliary buffer information
5,748,951	C. F. Webb, J. S. Liptay, M. A. Check, and M. S. Farrell	Specialized millicode instructions which reduce cycle time and number of instructions necessary to perform complex operations
5,748,952	A. Chadha, A. Shibamiya, D. J. Haderle, R. W. Lyle, and S. Watts	System and method for avoiding complete index traversals in sequential and almost sequential index probes
5,748,958	J. A. Pershing, L. Brenner, O. T. Kirby, P. R. Badovinatz, and T. D. Chandra	A system for utilizing batch requests to present membership changes to process groups
5,748,959	D. C. Reynolds	A method of conducting asynchronous distributed collective operations

5,748,972	D. Norris, J. Heaney, M. W. Clark, and P. H. Benson	Computer system which is operative to change from a normal operating state to a suspend state when a power supply thereof detects that an external source is no longer providing power to said power supply at a predetermined level
5,748,974	D. E. Johnson	Multimodal natural language interface for cross-application tasks
5,749,087	K. M. Valk, R. D. Hoover, and W. G. Nation	Method and apparatus for maintaining n-way associative directories utilizing a content addressable memory
5,749,362	D. LaRose, J. Funda, and R. H. Taylor	Method of creating an image of an anatomical feature where the feature is within a patient's body
5,749,769	A. M. Desouches and M. A. Church	Lapping process using micro-advancement for optimizing flatness of a magnetic head air bearing surface
5,750,231	J. K. Howard, M. Ullah, R. D. Umphress, and R. H. Ahlert	Magnetic disk with boron carbide overcoat layer
5,751,004	C. F. Robinson and W. Stickel	Projection reticle transmission control for coulomb interaction analysis
5,751,057	A. M. Palagonia	Lead on chip lead frame design without jumpover wiring
5,751,060	E. H. Laine and J. W. Wilson	Electronic package
5,751,097	J. A. Mandelman and M. D. Potter	Lateral field emission devices for display elements and methods of fabrication
5,751,114	A. D. Dingsor	An apparatus method and articles of manufacture for carrier frequency compensation in a FM radio transmitter
5,751,286	B. J. Beitel, D. Petkovic, H. Sawhney, M. D. Flickner, M. M. Gorkani, P. C. Yanker, R. J. Barber, S. Ayer, T. R. Work, W. Equitz, and W. Niblack	Image query system and method
5,751,336	C. Aggarwal, J. Wolf, and P. S. Yu	Permutation based pyramid block transmission scheme for broadcasting in video-on-demand storage systems
5,751,508	J. P. Karidis	Disk drive with actuator to overcome stiction
5,751,510	G. J. Smith and H. H. Ottesen	Method and apparatus for restoring a thermal response signal of a magnetoresistive head
5,751,521	H. S. Gill	Differential spin valve sensor structure
5,751,548	J. A. Stubecki, J. D. Rizzi, and W. C. Hall	Docking station for a portable computer providing rotational movement of the computer's viewable screen in three different planes
5,751,558	D. J. Lidberg, J. T. Gullicksrud, and M. D. Seyfert	Device for improving computer cage slot keying and method
5,751,559	C. S. Lingafelt and D. J. Jensen	Apparatus for inserting PC cards having recessed guide paths with multiple levels in the guide paths
5,751,588	C. J. Freedenberg, D. C. Long, D. G. Patterson, J. G. Balz, J. M. Cobb, M. LaPlante, and U. A. Ziemins	Multi-wavelength programmable laser processing mechanisms and apparatus utilizing vaporization detection
5,751,595	B. Salimi, J. Beatty, J. H. Panner, L. D. Pickup, and P. C. Elmendorf	Method for building and verifying authenticity of a rule system
5,751,619	B. M. Fleischer, F. G. Gustavson, and R. C. Agarwal	Recurrent arithmetical computation using carry-save arithmetic
5,751,648	D. A. Evans and G. M. Bracer	Two stage sensing for large static memory arrays
5,751,727	D. J. Martens	Dynamic latch circuit for utilization with high-speed memory arrays
5,751,745	C. L. Chen, M. Y. Hsiao, W. H. Lipponer, and W. W. Shen	Memory implemented error detection and correction code with address parity bits
5,751,844	G. T. Kishi, M. P. McIntosh, and M. R. Bolin	Method and apparatus for image acquisition with adaptive compensation for image exposure variation
5,751,883	G. J. Smith, G. W. VanLeeuwen, and H. H. Ottesen	Multimedia direct access storage device and formatting method
5,751,905	J. C. Chen, M. Monkowski, M. A. Picheny, and R. A. Gopinath	Statistical acoustic processing method and apparatus for speech recognition using a toned phoneme system
5,751,914	B. A. Coley, D. M. Wormald, P. F. Downing, and V. G. Chin	Method and system for correlating a plurality of events within a data processing system
5,751,926	D. W. Pryor, Jr., J. M. Kasson, S. I. Nin, and W. Plouffe	Function approximation using a centered cubic packing with tetragonal disphenoid extraction
5,751,945	C. P. Roth, E. H. Welbon, and F. E. Levine	Method and system for performance monitoring stalls to identify pipeline bottlenecks and stalls in a processing system
5,751,946	M. Afsar and C. A. Freymuth	Method and system for detecting bypass error conditions in a load/store unit of a superscalar processor
5,751,964	D. J. Spitz and Z. Ordanic	System and method for automatic determination of thresholds in network management
5,751,966	E. E. Kelley and N. J. Dauerer	Notification of disconnected service machines that have stopped running
5,751,970	R. M. Bournas	Method for determining an optimal segmentation size for file transmission in a communications system
5,751,990	D. J. Krolak, J. D. Irish, L. E. Grosbach, and S. B. Levenstein	Abridged virtual address cache directory

5,751,992	G. Bhargava, I. S. Narang, and J. Z. Teng	A computer program product for continuous destaging of changed data in a multisystem shared disk environment
5,752,004	R. M. Blood	Method and system for modifying an internal data processing system identification
5,752,014	A. J. Loper, Jr. and S. Mallick	Automatic selection of branch prediction methodology for subsequent branch instruction based on outcome of previous branch prediction
5,752,017	B. Iyer, G. Bhargava, and P. Goel	Reordering of SQL queries involving joins, outer joins and full outer joins
5,752,019	A. Califano and I. Rigoutsos	System and method for conformationally-flexible molecular identification
5,752,022	J. F. Farber, M. J. Dockter, M. L. Pauser, R. J. Richardt, and S. M. Chiu	A method for creating a hypertext language for a distributed computer network
5,752,041	E. L. Fosdick	Method and system for licensed program management within a distributed data processing system
5,752,042	G. L. Cole, S. M. Pritko, and S. P. Engleman	Server computer for selecting program updates for a client computer based on results of recognizer program(s) furnished to the client computer
5,752,055	R. A. Smith and R. J. Redpath	Systems and method for automatically linking parts within compound documents
5,752,062	E. H. Welbon, F. C. Gover, and F. E. Levine	Method and system for performance monitoring through monitoring an order of processor events during execution in a processing system
5,752,066	B. Ozaki and R. Bealkowski	Data processing system utilizing programmable microprogram memory controller
5,752,067	J. W. Dieffenderfer, N. J. Schoonover, P. A. Wilkinson, and P. M. Kogge	Fully scalable parallel processing system having asynchronous SIMD processing
5,752,072	R. C. Agarwal	Sorting scheme without compare and branch instructions
5,752,078	A. A. Slane, G. S. Delp, and P. L. Leichty	Method and apparatus for reduced latency data reception within a data processing system employing a packet-based architecture
5,752,246	K. Lagarde and R. M. Rogers	Service agent for fulfilling requests of a web browser
5,752,260	P. P. Liu	High-speed, multiple-port, interleaved cache with arbitration of multiple access addresses
5,752,264	C. B. Ford, M. Blake, and P. K. Mak	Computer architecture incorporating processor clusters and hierarchical cache memories
5,752,797	D. C. Linnell, R. Kuder, R. A. Meyen, R. P. Westerfield, and T. Jantz	Automated chamfering apparatus and method
5,752,819	D. Neff, D. Rock, J. A. Walker, R. Hansotte, and R. Wanser	Exhaust system for high temperature furnace
5,752,875	M. Ronay	Method of chemically-mechanically polishing an electronic component
5,753,162	B. V. Fasano, G. M. Johnson, J. S. Fish, and S. L. Shinde	Method for in situ environment sensitive sealing and/or product controlling
5,753,303	C. J. Waskiewicz, D. D. Miura, D. R. Cote, and W. Cote	Process for the elimination of tungsten oxidation with inert gas stabilization in chemical vapor deposition processes
5,753,412	D. E. Seeger, E. D. Babich, J. P. Simons, and K. E. Petrillo	Photoresist having increased sensitivity and use thereof
5,753,525	J. P. Peng, L. L. Hsu, and S. Ogura	Method of making EEPROM cell with improved coupling ratio
5,753,803	D. Abraham, F. Hendriks, and T. J. Chainer	Apparatus and methods for maintaining a substantially constant temperature in a thermal proximity sensor
5,753,948	K. J. Uram, M. Ilg, and S. V. Nguyen	Advanced damascene planar stack capacitor fabrication method
5,753,951	S. F. Geissler	EEPROM cell with channel hot electron programming and method for forming the same
5,753,963	J. E. Cronin	A multi-surfaced capacitor for storing more charge per horizontal chip area
5,754,059	G. R. Castellucci and S. Tanghe	Multi-stage ECL-to-CMOS converter with wide dynamic range and high symmetry
5,754,088	D. R. Fletcher, G. G. Roden, J. J. Hansen, J. M. Gallagher, K. A. Wallace, and T. C. Lahr	Planar transformer and method of manufacture
5,754,179	C. A. Pickover, D. Winarski, and M. D. Hocker	Selection facilitation on a graphical interface
5,754,328	C. J. Freedenberg, F. Topolovec, J. M. Cobb, and U. A. Ziemins	Mid-objective laser scanner
5,754,357	A. L. Berge (Warner), J. Stephenson, J. F. Boigenzahn, and T. B. Anderson	Method and apparatus for moving a disk drive actuator away from a magnetic latch
5,754,365	C. A. Brown, D. C. Stucky, H. R. Wendt, J. L. Beck, and L. A. Cossette	Structure and enclosure assembly for a disk drive
5,754,399	L. L. Wu	Direct coupled CPU package
5,754,400	P. Singh and S. Sathe	Demountable heat sink
5,754,410	J. R. Eastman and T. Bardsley	Multi-chip module with accessible test pads
5,754,515	C. DeCusatis and L. Jacobowitz	Active alignment method for multilayer optical disk storage

5,754,518	C. H. Dang, J. E. Kulakowski, K. Dimitri, and R. J. Means	Pluggable media stackloader for personal computer
5,754,549	H. L. Truustedt and S. M. DeFoster	Inexpensive two-way communications switch
5,754,562	C. L. Chen	Method and apparatus for encoding certain double-error correcting and triple-error detecting codes
5,754,754	J. G. Dudley and M. Peyravian	Transmission order based selective repeat data transmission error recovery system and method
5,754,763	T. W. Bereiter	Software auditing mechanism for a distributed computer enterprise environment
5,754,768	A. A. Slane, B. L. Brech, and G. S. Delp	Method and apparatus for grouping packets using timed window
5,754,774	B. C. Housel, D. B. Lindquist, M. L. Fraenkel, and R. Bittinger	Client/server communication system
5,754,782	D. Masada	System and method for backing up and restoring groupware documents
5,754,804	C. S. Lingafelt, H. Cheselka, J. Mulkey, J. W. Yarbrough, and S. W. Hunter	Method and system for managing system bus communications in a data processing system
5,754,810	C. F. Webb, C. L. Cross, M. S. Farrell, N. Gokli, and W. H. Li	Specialized millicode instructions for certain decimal operations
5,754,811	A. J. Loper, Jr., M. Putrino, and S. Mallick	Instruction dispatch queue for improved instruction cache to queue timing
5,754,821	J. B. Cripe, M. E. Medford, M. R. Primm, and S. L. Sanders	Method and system for providing access to a protected partition of a memory device utilizing a passthru command
5,754,824	I. Y. Spillinger, L. Trevillyan, L. P. Van Ginneken, and R. F. Damiano	Logic synthesis for logic array modules
5,754,852	C. M. Merkin and S. Merkin	Apparatus and method for configuring a personal computer system independently of the system
5,754,855	M. T. Wheatley, R. M. Smith, S. S. Miller, and T. W. Osborn	A system and method for managing control flow of computer programs executing in a computer system
5,754,865	D. B. Ruth, J. C. Pescatore, and R. C. Itskin	Logical address bus architecture for multiple processor systems
5,754,871	J. W. Dieffenderfer, N. J. Schoonover, P. A. Wilkinson, and P. M. Kogge	Parallel processing system having asynchronous SIMD processing
5,754,885	D. G. Mikan, H. Cheong, H. Q. Le, and T. Chiu	Apparatus and method for selecting entries from an array
5,754,887	L. J. Record, M. E. Lyons, and T. M. Damron	System for limiting access of plurality of requests to peripheral bus by halting transmission to particular peripheral devices and resuming transmission after second predetermined time period expiration
5,755,518	Z. E. Boutaghou	Pivot bearing
5,755,570	B. V. Fasano, G. M. Johnson, J. S. Fish, and S. L. Shinde	Apparatus for in situ environment sensitive sealing and/or product controlling
5,755,859	A. Schrott, C. Uzoh, C. J. Sambucetti, E. O'Sullivan, J. R. Marino, and V. A. Brusic	Cobalt-tin alloys and their applications for devices, chip interconnection, and packaging
5,755,903	J. Garant and R. F. Indyk	Method of making a multilayer ceramic substrate having reduced stress
5,756,021	D. Y. Shih and J. L. Hedrick	Electronic devices comprising dielectric foamed polymers
5,756,146	A. Viehbeck and K. W. Lee	Inspecting copper or molybdenum lines on a substrate
5,756,234	J. R. Maldonado and T. R. Groves	High accuracy fabrication of X-ray masks with optical and E-beam lithography
5,756,236	J. L. Speidell, R. S. Patel, and S. Cordes	Fabrication of high resolution aluminum ablation masks
5,756,238	P. J. Couillard and R. Barr	Lithographic print bias/overlay target and applied metrology
5,756,259	F. C. Burns, R. W. Snyder, V. Y. Lee, and W. W. Fleming	Ablatively photodecomposable compositions
5,756,280	G. Soora and V. Tice	Multimedia distribution network including video switch
5,756,405	B. K. Appelt, K. I. Papathomas, M. D. Poliks, R. M. Japp, and W. T. Fotorny	Technique for forming resin-impregnated fiberglass sheets
5,757,010	G. Langner	Curvilinear variable axis lens correction with centered dipoles
5,757,027	D. Kuchta	Semiconductor wafer testing method and apparatus
5,757,038	S. Tiwari and S. Wind	Self-aligned dual gate MOSFET with an ultranarrow channel
5,757,050	E. Adler, L. Ternullo, R. W. Mann, S. Kulkarni, and W. Rausch	Field effect transistor having contact layer of transistor gate electrode material
5,757,059	M. Hauf, M. Levy, and V. R. Nastasi	Insulated gate field effect transistor
5,757,073	M. K. Hoffmeyer	Heatsink and package structure for wirebond chip rework and replacement
5,757,079	C. Prasad, E. D. Perfecto, G. E. White, G. J. Robbins, J. A. McDonald, K. B. Prasad, M. Swaminathan, and M. F. McAllister	Method for repairing defective electrical connections on multi-layer thin film (MLTF) electronic packages and the resulting MLTF structure
5,757,101	R. W. Luoma and Z. E. Boutaghou	Laminated back iron structure for increased motor efficiency

5,757,159	J. E. Boyette and R. E. Brown	Height stage for positioning apparatus
5,757,205	D. G. Mikan and M. K. Ciraula	Power-saving dynamic circuit
5,757,218	D. W. Blum	Clock signal duty cycle correction circuit and method
5,757,238	C. J. Masenas, F. D. Ferraiolo, and J. E. Gersbach	Fast locking variable frequency phase-locked loop
5,757,240	D. M. Dreps and D. W. Boerstler	Low gain voltage-controlled oscillator
5,757,271	G. P. Andrews	Portable computer and method of providing security for an electronic device
5,757,292	D. L. Dao, H. Y. Amro, and J. P. Dodson	Keyboard cap extension apparatus
5,757,297	F. D. Ferraiolo, J. M. Hoke, and S. K. Patel	Method and apparatus for recovering a serial data stream using a local clock
5,757,361	A. S. Hirshik	Method and apparatus in computer systems to selectively map tablet input devices using a virtual boundary
5,757,362	J. L. Levine	Recursive digital filter using fixed point arithmetic
5,757,370	H. Y. Amro and J. P. Dodson	Method, memory, and apparatus for effectively locating an object within a compound document
5,757,385	A. Saha and C. Narayanaswami	Method and apparatus for managing multiprocessor graphical workload distribution
5,757,386	J. Celi, Jr., J. M. Wagner, and J. P. Coffey	Method and apparatus for virtualizing off-screen memory of a graphics engine
5,757,417	A. J. Stagg, C. M. Aras, F. Y. Lai, K. K. Sy, and L. B. Griffin	Method and apparatus for screening audio-visual materials presented to a subscriber
5,757,507	C. P. Ausschnitt and W. A. Muth	Method of measuring bias and edge overlay error for sub-0.5 micron ground rules
5,757,567	L. J. Serrano and S. R. Hetzler	Method and apparatus for servo control with high efficiency gray code for servo track ID
5,757,568	J. C. Purkett and R. Greenberg	System and method for encoding a servo address
5,757,574	B. C. Webb, E. J. Yarmchuk, M. Schultz, and T. J. Chainer	Methods and systems for self-servowriting including maintaining a reference level within a usable dynamic range
5,757,585	A. Aoyagi, A. D. Erpelding, S. P. Arya, and W. C. Shum	Method for bonding leads to a slider in a disk drive integrated suspension assembly
5,757,587	J. F. Boigenzahn, L. Berg, T. P. Fracek, and Z. E. Boutaghou	Direct access storage device having a disk motion limiter for preventing disk data zone and spindle bearing damage
5,757,590	A. J. Wallash, E. T. Schreck, and P. B. Phipps	Fusible-link removable shorting of magnetoresistive heads for electrostatic discharge protection
5,757,594	C. H. Dang, J. E. Kulakowski, K. Dimitri, and R. J. Means	Pluggable media stackloading system
5,757,612	A. Grill, D. E. Kotecki, J. H. Comfort, K. Saenger, and R. E. Acosta	Structure and fabrication method for non-planar memory elements
5,757,620	A. Fahey, C. F. Jones, D. L. Edwards, G. Messina, G. S. Hopper, M. G. Courtney, R. A. Sherif, and S. Iruvanti	Apparatus for cooling of chips using blind holes with customized depth
5,757,653	C. Selinger, K. L. Christian, and T. A. Schell	Method and apparatus for constantly dynamically varying net rules
5,757,654	W. D. Appel	Reflected wave compensation on high speed processor cards
5,757,657	D. J. Hathaway and J. M. Cohn	Adaptive incremental placement of circuits on VLSI chip
5,757,682	E. M. Schwarz, H. Ngo, L. Sigal, and R. M. Bunce	Parallel calculation of exponent and sticky bit during normalization
5,757,693	C. L. Bertin, C. P. Miller, J. A. Fifield, R. J. Houghton, and W. R. Tonti	Gain memory cell with diode
5,757,712	B. G. Hazelzet, J. Nagel, and M. W. Kellogg	Memory modules with voltage regulation and level translation
5,757,743	C. DeCusatis and L. Jacobowitz	An electric circuit for providing a position indicator signal in a system for multilayer optical disk storage
5,757,820	F. W. Angelotti	Method for testing interconnections between integrated circuits using a dynamically generated interconnect topology model
5,757,823	C. L. Chen and M. Y. Hsiao	Error detection and correction for four-bit-per-chip memory system
5,757,842	D. C. Long, M. LaPlante, and S. M. Mansfield	Method and apparatus for compensating thermal lensing effects in a laser cavity
5,757,879	J. G. Ryan, K. Kimmel, R. V. Joshi, and T. Licata	Tungsten absorber for X-ray mask
5,757,907	R. F. Pryor and T. E. Cooper	Method and apparatus for enabling trial period use of software products: method and apparatus for generating a machine-dependent identification
5,757,908	H. Philips, R. F. Pryor, and T. E. Cooper	Method and apparatus for enabling trial period use of software products: method and apparatus for utilizing an encryption header
5,757,913	M. Bellare, P. W. Rogaway, and R. A. Guerin	Method and apparatus for data authentication in a data communication environment
5,757,967	C. A. Gonzales, E. Linzer, P. Tiwari, and T. Horvath	Digital video decoder and deinterlacer, format/frame rate converter with common memory

5,757,998	D. P. Gaio, M. K. Hoffmeyer, R. J. Thatcher, and S. S. Kang	Multigigabit adaptable transceiver module
5,758,049	G. C. Manthuruthil, M. L. Williams, R. S. Keller, and W. J. Johnson	Method of and apparatus for providing automatic detection and processing of an empty multimedia data object
5,758,051	J. H. Moreno and M. Moudgill	Method and apparatus for reordering memory operations in a processor
5,758,052	C. Rahn, C. A. Mastrangelo, D. Glowny, and P. Mayer	Network management method using redundant distributed control processors
5,758,068	E. L. Fosdick, G. F. Destefano, K. P. Stamschror, M. L. Brandt, R. Mehta, and T. M. Prokop	Software license method and apparatus
5,758,074	A. F. Stuart, J. W. Marlin, R. L. Knudson, T. Hughes, and T. M. Ruehle	Client network interface
5,758,075	D. L. Stanley, J. F. Hauris, and M. J. Graziano	Multimedia communication apparatus and methods
5,758,076	K. L. Wu and P. S. Yu	Multimedia server system having rate adjustable data retrieval based on buffer capacity
5,758,085	J. L. Kouloheris and M. Kumar	Semiconductor memory based server for providing multimedia information on demand over wide area networks
5,758,087	B. L. Brech, G. S. Delp, and K. D. Aaker	Apparatus and method for predicted response generation
5,758,093	D. D. King, J. J. Boezeman, and S. M. Consolatti	Method and system for a multimedia application development sequence editor using time event specifiers
5,758,099	F. E. Grieco and P. A. Manson	Plug and play protocol for bus adapter card
5,758,102	C. D. Driscoll, J. J. Carey, and R. M. Clemo	Soft switching circuit for use on backplane
5,758,105	D. Neal and R. A. Kelley	Method and apparatus for bus arbitration between isochronous and non-isochronous devices
5,758,117	R. B. Patel and S. Mallick	Method and system for efficiently utilizing rename buffers to reduce dispatch unit stalls in a superscalar processor
5,758,118	D. M. Choy and J. M. Menon	Methods and data storage devices for RAID expansion by on-line addition of new DASDs
5,758,119	M. J. Mayfield, M. T. Vaden, R. J. Reese, and T. H. Nguyen	System and method for indicating that a processor has prefetched data into a primary cache and not into a secondary cache
5,758,120	E. Silha, J. A. Kahle, J. S. Muhich, and R. Oehler	Method and system for increased system memory concurrency in a multiprocessor computer system
5,758,137	L. S. Waggie and W. J. Armstrong	Method and system for processing timer requests within a computer
5,758,140	J. A. Kahle and S. Mallick	Method and system for emulating instructions by performing an operation directly using special-purpose register contents
5,758,141	A. D. Ogden, A. J. Loper, Jr., J. A. Kahle, and S. Mallick	Method and system for selective support of non-architected instructions within a superscalar processor system utilizing a special access bit within a machine state register
5,758,144	H. H. Hall, R. Eberhard, and S. Lakshmi	Database execution cost and system performance estimator
5,758,145	B. Iyer, F. L. Lin, G. Bhargava, H. S. Tie, J. Mukai, P. Goel, P. Hoa, P. S. Desai, and W. S. Perlman	Method and apparatus for generating dynamic and hybrid sparse indices for workfiles used in SQL queries
5,758,146	A. N. Swami	Method and apparatus for optimizing data retrieval using index scanning
5,758,147	M. S. Chen and P. S. Yu	Efficient information collection method for parallel data mining
5,758,157	J. T. Rodell, M. A. Wright, and P. G. Greenstein	Method and system for providing service processor capability in a data processing by transmitting service processor requests between processing complexes
5,758,161	D. C. Reynolds	A testing method for checking the completion of asynchronous distributed collective operations
5,758,168	B. G. Mealey, J. W. Van Fleet, and M. S. Williams	Interrupt vectoring for optionally architected facilities in computer systems
5,758,174	D. T. Crump, L. Steelman, and S. Pancoast	Computer system having a plurality of stored system states from which to resume
5,758,176	B. Olsson, F. G. Gustavson, M. A. Johnson, R. C. Agarwal, and R. D. Groves	Method and system for performing SIMD-parallel operations in a superscalar data processing system
5,758,179	T. Sulzbach	Bus operation circuit using CMOS ratio logic circuits
5,758,181	D. O. Becker	Method and system for accelerated presentation of segmented data
5,758,190	G. S. Johnson, H. M. Yudenfriend, L. R. Urbanejo, and R. A. Ripberger	Control unit threshold timeout controls for software missing interrupt handlers in operating systems
5,758,334	J. W. Knight and W. J. Schoen	File system remount operation with selectable access modes that saves knowledge of the volume path and does not interrupt an executing process upon changing modes
5,758,342	J. Gregerson	A client-server based multiprocessor file system wherein client files written to by a client processor are invisible to the server

5,758,345	J. C. Wang	Program and method for establishing a physical database layout on a distributed processor system
5,758,349	F. C. Breslau, J. T. Rodell, and P. G. Greenstein	Process and system for runtime inheritance and disinheritance of methods and data
5,758,413	C. H. Crockett, Jr., K. G. Hoebener, K. H. Chong, M. McMaster, and S. A. Dunn	Fine dimension stacked vias for a multiple layer circuit board structure
5,758,418	G. M. Chrysler and R. C. Chu	Method of making an ultra high-density, high-performance heat sink
5,759,046	A. P. Ingraham, D. B. Stone, and J. A. Molla	Dendritic interconnection system
5,759,047	G. E. Myrto, G. L. Kehley, J. H. Sherman, and W. L. Brodsky	Flexible circuitized interposer with apertured member and method for making same
5,759,269	C. S. Milkovich, E. A. Johnson, J. M. Zalesinski, J. S. Perkins, L. R. Cutting, M. A. Gaynes, M. V. Pierson, and S. E. Poetzinger	Manufacturing flexible circuit board assemblies and printer for screening solder paste in such manufacture
5,759,285	A. J. Call and S. L. Buchwalter	Method and solution for cleaning solder connections of electronic components
5,759,320	C. H. Perry, G. Natarajan, R. W. Pasco, and V. Peterson	Method of forming cavity substrates using compressive pads
5,759,418	N. K. Frater and O. J. Ruiz	Adhesively attached hard disk head suspension and etching process
5,759,427	E. Cibulsky, G. A. Kiballa, G. L. Newman, J. F. Prikazsky, M. Wozniak, and V. R. Markovich	Method and apparatus for polishing metal surfaces
5,759,437	M. Datta, R. Shenoy, S. G. Mathad, and T. Kanarsky	Etching of Ti-W for C4 rework
5,759,637	D. E. Seeger, J. D. Gelorme, M. Angelopoulos, N. M. Patel, and T. H. Newman	Water-soluble electrically conducting polymers, their synthesis and use
5,759,669	C. Sullivan, C. J. Calli, D. Cook, D. Golland, D. Mackin, D. C. Long, J. Saltarelli, J. A. Casey, J. U. Knickerbocker, K. Prettyman, K. C. O'Neil, K. M. McGuire, M. LaPlante, and M. Puchalski	Apparatus and method for screening green sheet with via hole using porous backing material
5,759,737	M. A. Gaynes, M. V. Pierson, N. B. Feilchenfeld, P. Hoontrakul, and S. J. Fuerniss	Method of making a component carrier
5,759,867	J. P. Gambino and M. Armacost	Method of making a disposable corner etch stop-spacer for borderless contacts
5,759,898	A. Powell, B. A. Ek, M. Tejawani, P. Pitner, and S. S. Iyer	Production of substrate for tensilely strained semiconductor
5,759,907	F. Assaderaghi, J. A. Mandelman, L. L. Hsu, and W. R. Tonti	Method of making large value capacitor for SOI
5,759,911	C. Kaanta and J. E. Cronin	Self-aligned metallurgy
5,759,920	H. I. Hanafi, S. M. Burns, and W. W. Kocon	Process for making doped polysilicon layers on sidewalls
5,760,451	A. J. Yu	Raised source/drain with silicided contacts for semiconductor devices
5,760,461	J. E. Cronin and J. E. Gortych	Vertical mask for defining a region on a wall of a semiconductor structure
5,760,465	D. J. Alcoe, E. A. Johnson, S. W. Anderson, and Y. Guo	Electronic package with strain relief means
5,760,475	C. W. Kaanta, J. E. Cronin, M. A. Leach, and P. P. Lee	Refractory metal-titanium nitride conductive structures
5,760,477	J. E. Cronin	Integrated circuit contacts having improved electromigration characteristics
5,760,478	F. M. Bozso and P. G. Emma	Clock skew minimization system and method for integrated circuits
5,760,483	J. A. Bruce, R. K. Leidy, and S. J. Holmes	Method for improving visibility of alignment targets in semiconductor processing
5,760,504	M. A. Moser	Disk drive spindle motor with radial gap and field generating coils interconnected by ring flux guide
5,760,595	D. B. Nguyen, H. S. Rathore, J. J. Poulin, R. D. Edwards, and R. G. Smith	High temperature electromigration stress test system, test socket, and use thereof
5,760,598	G. B. Stephens and R. L. Ayers	Method and apparatus for testing quiescent current in integrated circuits
5,760,601	R. F. Frankeny	Transmission line driver circuit for matching transmission line characteristic impedance
5,760,611	S. W. Gould	Function generator for programmable gate array
5,760,627	G. F. Yenik and R. P. Gregor	Low power CMOS latch
5,760,633	S. Lin	Low power low noise circuit design by using half V_{dd}

5,760,649	M. S. Michail and W. D. Pricer	Buffer amplifier with output non-linearity compensation and adjustable gain
5,760,674	D. Gilmour, E. G. Walton, and R. R. Uttech	Fusible links with improved interconnect structure
5,760,774	B. M. Grossman, C. A. Pickover, and M. S. Schwartz	A method and system for automatically consolidating icons into a master icon
5,760,784	B. K. Bullis, D. J. Rumph, M. P. Muhlada, and W. R. Lee	System and method for packing the rate of display of decompressed video data
5,760,836	A. Y. Ngai, B. A. Hall, J. D. Greenfield, and J. M. Kaczmarczyk	FIFO feedback and control for digital video encoder
5,760,943	D. Kim, K. O. Muggenburg, and K. R. Muller	Facet tracking correction system for laser scanners
5,760,993	J. C. Purkett	Disk drive zoned sequential data format and head switch sequence
5,760,998	J. Berberich, J. Heath, J. L. Neubauer, L. Berg, and Z. E. Boutaghou	Shock protection apparatus for a disk drive
5,761,004	P. R. Peck	Air bearing slider with offset crossbars to reduce roll
5,761,005	A. C. Tam, H. S. Nishihira, and J. M. McKay	Combination transducer/slider/suspension
5,761,006	A. Sharma, M. Sri-Jayantha, S. Kumar, and V. D. Khanna	Direct access storage device having compound actuator bearing system
5,761,007	K. B. Price, L. J. Serrano, and M. H. Yu	Disk drive with multiple actuators on a single axis having different inertia characteristics
5,761,013	D. J. Werner and H. P. Lee	Apparatus for simultaneous write head planarization and lead routing
5,761,031	R. S. Ajmani	Conductive shock mount for reducing electromagnetic interference in a disk drive system
5,761,037	G. M. Chrysler, R. C. Chu, and T. M. Anderson	Orientation independent evaporator
5,761,078	C. M. Fuller, E. E. Millham, G. Yasar, S. Hartman, and S. W. Gould	Field programmable gate arrays using semi-hard multiple macros
5,761,079	A. D. Drumm	Engineering change management system employing a smart editor
5,761,080	E. W. Seibert, J. J. Ellis-Monaghan, P. A. Habitz, and W. F. DeCamp	Method and apparatus for modeling capacitance in an integrated circuit
5,761,107	P. J. Klim	Method and apparatus for improving the speed of a logic circuit
5,761,114	C. L. Bertin, C. P. Miller, J. A. Fifield, R. J. Houghton, and W. R. Tonti	Multi-level storage gain cell with stepline
5,761,161	F. D. Gallo, H. E. Hausler, and S. M. Rockwell	Automated storage and retrieval system with vertically translating input/output station
5,761,188	H. J. Rosen, K. A. Rubin, and W. W. Tang	Optical data storage system with multiple rewriteable phase-change recording layers
5,761,213	G. S. Koch, J. Connor, L. Ternullo, and R. D. Adams	Method and apparatus to determine erroneous value in memory cells using data compression
5,761,214	A. J. Wager and C. J. Ford	Method for testing integrated circuit devices
5,761,221	C. L. Chen, K. R. Baat, M. Y. Hsiao, W. H. Lipponer, and W. W. Shen	Memory implemented error detection and correction code using memory modules
5,761,246	L. A. Walls, S. Dutta, T. A. Cao, T. D. Trinh, and T. Q. Nguyen	Circuit for multiplexing a plurality of signals on one transmission line between chips
5,761,259	A. D. Dingsor	Apparatus, method and article of manufacture for carrier frequency compensation in an FM radio
5,761,380	P. D. Lewis, R. E. Morrison, N. R. Pennell, R. W. Ragan, Jr., and J. H. Segapeli	Coordinating installation of distributed software components
5,761,407	D. R. Hicks and F. E. Benson	Message based exception handler
5,761,410	D. Nguyen, D. R. Martin, and M. J. McDermott	Storage management mechanism that detects write failures that occur on sector boundaries
5,761,420	O. Weber and W. J. Johnson	Method and apparatus for telephone proof of documents
5,761,440	E. H. Ku, F. Silva, J. De Marco, J. W. Kidd, K. P. Heron, and S. H. Sanaye	System and method utilizing multiple search trees to route data within a data processing network
5,761,461	D. Neal and S. M. Thurber	Method and system for preventing peripheral component interconnect (PCI) peer-to-peer access across multiple PCI host bridges within a data processing system
5,761,462	D. Neal and S. M. Thurber	Method and system for supporting peripheral component interconnect (PCI) peer-to-peer access across multiple PCI host bridges within a data processing system
5,761,473	C. C. Kau and J. A. Kahle	Method and system for increased instruction synchronization efficiency in a superscalar processor system
5,761,488	H. Roth and W. Donath	Logic translation method for increasing simulation emulation efficiency
5,761,503	J. A. Fisher	Automated volser range management for removable media storage library
5,761,507	I. R. Govett	Client/server architecture supporting concurrent servers

5,761,509	H. H. Madduri, I. R. Forman, S. H. Danforth	System and method for enabling before/after method processing in an object oriented system
5,761,512	F. C. Breslau, J. T. Rodell, and P. G. Greenstein	Automatic client-server compiler
5,761,514	E. C. Prosser, N. E. Aizikowitz, R. Bar-Haim, R. R. Roediger, and W. J. Schmidt	Register allocation method and apparatus for truncating runaway lifetimes of program variables in a computer system
5,761,515	C. M. Barton, J. H. Moreno, and P. K. Dubey	Branch on cache hit/miss for compiler-assisted miss delay tolerance
5,761,517	C. M. Durham and P. J. Klim	System and method for reducing power consumption in high frequency clocked circuits
5,761,523	J. W. Dieffenderfer, N. J. Schoonover, P. A. Wilkinson, and P. M. Kogge	Multi-PME array processor system
5,761,525	M. L. Williams	Method and system for scheduling the playback of a multimedia presentation
5,761,536	P. A. Franaszek	System and method for reducing memory fragmentation by assigning remainders to share memory blocks on a best fit basis
5,761,652	K. L. Wu and P. S. Yu	Constructing balanced multidimensional range-based bitmap indices
5,761,660	C. Mohan, I. S. Narang, J. W. Josten, J. Z. Teng, and T. L. Mukai	Efficient data base access using a shared electronic store in a multi-system environment with shared disks
5,761,663	K. Lagarde and R. M. Rogers	A method for distributed task fulfillment of web browser requests
5,761,664	J. Sayah, P. S. Honsinger, and V. Narayanan	Hierarchical data model for design automation
5,761,678	E. Johnson, E. J. Bendert, J. M. Showalter, R. B. Bennett, and R. M. Nugent	Creation of clone storage area with identification of base storage area and deferred cloning of metadata
5,761,684	K. P. Gibson	Method and reusable object for scheduling script execution in a compound document
5,761,696	D. R. Welsh, M. Rathor, T. O. McKinley, and T. P. Giordano	Parallel database serving mechanism for a single-level-store computer system
5,761,698	J. L. Combs	Protected programmable memory cartridge and computer system using same
5,761,714	P. P. Liu and R. P. Singh	Single-cycle multi-accessible interleaved cache
5,761,716	G. S. Delp, J. W. Byrn, and K. G. Plotz	A rate based memory replacement mechanism
5,761,719	D. M. Wronski, K. McCullen, S. T. Ventrone, and S. W. Mahin	On-chip memory map for processor cache macro
5,761,721	D. F. Baldus, F. J. Ziegler, J. C. Willis, N. J. Duffield, and R. D. Hoover	A method and system for cache coherence despite unordered interconnect transport
5,761,738	S. L. Jones	Computer system which stores management or control information in different address space but same offset as corresponding data
5,761,739	D. A. Elko, J. A. Frey, J. M. Nick, K. G. Rothwell, and M. D. Swanson	Methods and systems for creating a storage dump within a coupling facility or multisystem environment
5,761,790	J. P. Gunder and J. W. Carr	Process for manufacturing a thin film slider with protruding R/W element formed by chemical-mechanical polishing
5,762,082	M. J. Canestaro	Precision fluid head transport
5,762,177	R. L. Baker and W. D. Klossner	Method and apparatus to convey flat products of different widths
5,762,258	C. R. Le Coz, D. I. Mead, and R. J. Stockholm	Method of making an electronic package having spacer elements
5,762,306	P. R. Day	Snake-like tubing support for a computer track ball pointing device
5,762,555	D. B. Nicol and D. T. Crump	Internet client video game cartridge
5,763,093	A. Reitter, B. V. Fasano, C. N. Cordero, D. Goland, G. M. Johnson, J. A. Casey, J. H. Harris, L. W. Herron, N. Patel, R. Hannon, R. A. Youngman, R. V. Vallabhaneni, and S. L. Shinde	Aluminum nitride body having graded metallurgy
5,763,315	D. Dobuzinsky, E. N. Hammerl, H. Ho, H. Palm, H. Takato, J. F. Moseman, J. P. Benedict, P. L. Flaitz, and S. Yoshida	Shallow trench isolation with oxide-nitride/oxy-nitride liner
5,763,318	C. L. Bertin and J. E. Cronin	Method of making machine structures fabricated of multiple microstructure layers
5,763,825	D. A. Gilliland	Cable with internal ferrite
5,763,854	E. Dittmann and M. K. Saraiya	Machine for laser reflow soldering
5,763,894	C. F. Robinson and W. A. Enichen	Calibration patterns and techniques for charged particle projection lithography systems
5,763,918	B. El-Kareh, H. Tanimoto, and J. G. Ryan	EDS structure that employs a Schottky-barrier to reduce the likelihood of latch-up
5,763,943	C. L. Bertin, J. Mosley, R. G. Baker, and W. J. Howell	Electronic modules with integral sensor arrays
5,763,947	G. K. Bartley	Integrated circuit chip package having configurable contacts and a removable connector

5,763,960	J. Ceccherelli and T. M. Cowell	Power supply controlled operation sequencing method and apparatus
5,764,071	B. Chan, H. H. Chan, and P. Singh	Method and system for testing an electronic module mounted on a printed circuit board
5,764,083	B. T. Nguyen, G. N. Pham, M. D. Papermaster, T. K. Ta, and W. B. van der Hoeven	Pipelined clock distribution for self resetting CMOS circuits
5,764,215	K. R. Lawrence, M. Brown, and M. A. Sehorne	Method and system for generating a global hit test data structure using scan line compression of windows in a graphical user interface
5,764,217	J. Rossignac, J. P. Menon, J. S. Lipscomb, P. Borrel, P. D. Kirchner, and R. H. Wolfe	Schematic guided control of the view point of a graphics processing and display system
5,764,222	J. M. Shieh	Virtual pointing device for touchscreens
5,764,223	I. F. Chang and J. C. Chen	Touch-screen input device using the monitor as a light source operating at an intermediate frequency
5,764,226	C. A. Jones, D. D. King, and S. M. Consolatti	Reusable and modifiable data entry interface part
5,764,229	P. W. Bennett	Method of and system for implementing dynamic translucent windows in a graphical user interface
5,764,314	C. Narayan, E. Colgan, K. H. Yang, L. Shi, L. S. Mok, R. L. Melcher, and T. M. Cipolla	Mechanical packaging and thermal management of flat mirror arrays
5,764,324	K. H. Yang and M. Lu	Flicker-free reflective liquid crystal cell
5,764,342	A. S. Bergendahl and P. E. Bakeman, Jr.	Method and system for controlling the relative size of images formed in light-sensitive media
5,764,430	G. J. Smith and H. H. Ottesen	Disk drive having optimized spindle speed for environment
5,764,446	D. J. Seagle	Magnetic head having an air bearing surface with short-resistant leads
5,764,479	D. T. Crump, J. Karidis, R. A. Resnick, S. Pancoast, and S. T. Pancoast	Split system personal computer
5,764,480	D. T. Crump, R. C. Schwartz, and R. E. Steinbugler	Media console for a split system personal computer
5,764,517	J. Jacomino, Jr., S. D. Yu, and W. L. Cox	Computer cartridges assembly process line with integrated closure, weld, and marking stations
5,764,529	A. X. Tra, J. B. Pavelka, L. B. Capps, Jr., and S. H. Lam	Method and apparatus for automatic frequency and voltage selection for microprocessors
5,764,532	P. T. Patel	Automated method and system for designing an optimized integrated circuit
5,764,549	A. A. Bjorksten, D. G. Mikan, and M. S. Schmookler	Fast floating point result alignment apparatus
5,764,555	E. M. Schwarz and T. J. McPherson	Method and system of rounding for division or square root: eliminating remainder calculation
5,764,558	C. R. Ogilvie and W. C. Pearson	Method and system for efficiently multiplying signed and unsigned variable width operands
5,764,567	S. S. Parkin	Magnetic tunnel junction device with nonferromagnetic interface layer for improved magnetic field response
5,764,589	Y. Lotfi	Array row and column decoder apparatus and method
5,764,625	R. M. Bournas	Optimal flow control window size design in high-speed networks
5,764,634	F. E. Noel and K. J. Christensen	LAN switch with zero latency
5,764,655	C. Wait and T. Kirihaata	Built in self test with memory
5,764,656	A. R. Pelella, J. J. Scharff, and P. T. Liu	Method for a fast scan GRA cell circuit
5,764,698	S. Sudharsanan and S. Suthakaran	Method and apparatus for efficient compression of high quality digital audio
5,764,712	B. Schuelke, M. W. Branstad, and P. L. Leichty	Phase locked loop circuit having automatic range setting logic
5,764,769	C. H. Bennett, D. DiVincenzo, and R. Linsker	Digital recording system with time-bracketed authentication by on-line challenges and method of authenticating recordings
5,764,824	J. M. Kurtzberg and M. Levanoni	Clustering mechanism for identifying and grouping of classes in manufacturing process behavior
5,764,852	M. L. Williams	Null association for voice recognition phrases
5,764,873	P. Magid and R. E. Berry	Lazy drag of graphical user interface (GUI) objects
5,764,875	A. S. Gopal, J. A. Pershing, O. T. Kirby, P. R. Badovinatz, and T. D. Chandra	A communications program product involving groups of processors of a distributed computing environment
5,764,880	D. Nguyen, J. M. Menon, and S. D. Gerdt	Method and system for rebuilding log-structured arrays
5,764,884	J. W. Van Fleet	Method and apparatus for improved instruction counting schemes
5,764,887	T. Peebles and T. R. Kells	System and method for supporting distributed computing mechanisms in a local area network server environment
5,764,889	D. F. Ault, E. S. Bender, and M. G. Spiegel	Method and apparatus for creating a security environment for a user task in a client/server system

5,764,915	D. D. Heimsoth, L. B. Turner, M. B. Sharma, and Y. T. Yeung	Object-oriented communication interface for network protocol access using the selected newly created protocol interface object and newly created protocol layer objects in the protocol stack
5,764,929	D. Neal and R. A. Kelley	Method and apparatus for improving bus bandwidth by reducing redundant access attempts
5,764,940	R. B. Patel and S. Mallick	Processor and method for executing a branch instruction and an associated target instruction utilizing a single instruction fetch
5,764,942	A. Poursepanj, A. D. Ogden, C. C. Kau, D. E. Waldecker, J. A. Kahle, and K. G. Tu	Method and system for selective serialization of instruction processing in a superscalar processor system
5,764,954	C. M. Fuller, E. E. Millham, and S. Hartman	Method and system for optimizing a critical path in a field programmable gate array configuration
5,764,958	N. Coskun	Method and apparatus for creating dynamic roles with a system object model
5,764,960	M. Perks, S. Tekulsky, and S. L. Martin	Method and system for sharing a menu by multiple components in a component-based computer system
5,764,964	D. Dwin, D. W. Nuechterlein, P. Yosim, and W. R. Lee	Device for protecting selected information in multi-media workstations
5,764,969	J. A. Kahle, A. J. Loper, Jr., S. Mallick, A. D. Ogden, and J. V. Sell	A fast user to supervisor transfer mechanism
5,764,970	D. Rana and D. Schroter	Method and apparatus for supporting speculative branch and link/branch on count instructions
5,764,976	H. I. Hsiao	Method and system of deadlock detection in a data processing system having transactions with multiple processes capable of resource locking
5,764,979	J. L. Howe III and K. R. Blackman	A method for capturing and cataloging program characteristics for the usage of datastore persistent classes
5,764,982	H. H. Madduri	Generating peer-to-peer communication interfaces with client-server oriented tools
5,764,984	L. K. Loucks	System for multiple co-existing operating system personalities on a microkernel
5,764,994	D. J. Craft	Method and system for compressing compiled microcode to be executed within a data processing system
5,764,998	S. R. Deshpande	Method and system for implementing a distributed interrupt controller
5,765,001	D. Norris, J. Heaney, M. W. Clark, and P. H. Benson	Suspend to disk induced by pending power loss
5,765,008	A. Kato, B. A. Smith, D. Desai, and R. R. Wolford	Personal computer with riser card interface having emulation support circuitry
5,765,011	J. W. Dieffenderfer, N. J. Schoonover, P. A. Wilkinson, and P. M. Kogge	Multi-PME array processor system
5,765,012	D. M. Lesmeister, J. W. Dieffenderfer, P. A. Wilkinson, P. M. Kogge, R. R. Richardson, T. N. Barker, and V. J. Smoral	Controller for a SIMD/MIMD array having an instruction sequencer utilizing a canned routine library
5,765,015	J. W. Dieffenderfer, P. A. Wilkinson, P. M. Kogge, and T. N. Barker	Slide network for an array processor
5,765,017	T. M. Potter	Method and system in a data processing system for efficient management of a status of each of multiple registers
5,765,022	D. W. Victor, J. M. Kaiser, R. G. Schaaf, and W. E. Maule	System for transferring data from a source device to a target device in which the address of data movement engine is determined
5,765,026	A. Saha, B. A. St. Onge, C. Narayanaswami, N. Malik, and Z. J. Lin	Method and system for implementing state machines
5,765,034	R. J. Recio	Fencing system for standard interfaces for storage devices
5,765,038	C. F. Ingersoll, J. A. Martin, Jr., K. J. Flannery, and P. D. Heinlein	Integration of groupware with the integrated quality control methodology via facilitated work sessions
5,765,041	C. Cherichetti, C. R. Johns, D. A. Rice, M. Vannostrand, O. Rahim, and P. D. Dinicola	Method and apparatus for transferring data between a host processor and a subsystem processor in a data processing system
5,765,139	G. L. Bondy	Method and apparatus for transforming a resource planning data structure into a scheduling datastructure
5,765,146	J. Turek, J. L. Wolf, and P. S. Yu	Method of performing a parallel relational database query in a multiprocessor environment
5,765,147	N. Mattos and S. Dessloch	Query rewrite for extended search capabilities
5,765,153	A. Nadalin, G. R. Blakley III, and M. Benantar	Information handling system, method, and article of manufacture including object system authorization and registration
5,765,161	J. L. Howe III and K. R. Blackman	Method for encapsulating data from non-object-oriented datastores as datastore persistent objects
5,765,163	J. L. Howe III and K. R. Blackman	Method for using queryable persistent identifiers to locate the source data for datastore persistent objects in non-object-oriented datastores

5,765,169	C. J. Conner	Method and apparatus for converting long file names to short file names
5,765,188	T. M. Cowell	Memory presence and type detection using multiplexed memory select line
5,765,189	J. Haswell, M. Yamaguchi, R. K. Treiber, and S. W. Ng	Method and apparatus for computer disk drive buffer management
5,765,191	A. J. Loper, Jr., M. Putrino, R. B. Patel, and S. Mallick	Method for implementing a four-way least recently used (LRU) mechanism in high-performance data processing systems
5,765,197	J. L. Combs	Computer system with authorized use of protectable programmable memory cartridge
5,765,201	A. J. Leitzen, E. C. Grazier, L. K. Chung, M. G. Manges, M. J. Corrigan, M. P. Piazza, and S. Lee	Changing page size in storage media of computer system
5,765,204	B. E. Bakke, B. M. Walk, D. F. Moertl, and F. L. Huss	Method and apparatus for adaptive localization of frequently accessed, randomly addressed data
5,765,205	F. C. Breslau, J. T. Rodell, and P. G. Greenstein	Method and system for on-demand software distribution
5,765,207	B. W. Curran	Recursive hardware state machine
5,765,210	D. R. Sutherland, J. T. Rodell, and P. G. Greenstein	Central storage requirements for storage descriptor tables
5,765,215	M. Afsar, S. Mallick, and R. B. Patel	Method and system for efficient rename buffer deallocation within a processor
5,765,221	P. C. Rossbach, C.-C. Kau, and D. S. Levitan	Method and system of addressing which minimize memory utilized to store logical addresses by storing high order bits within a register
5,766,022	F. L. Chapin and J. D. Herard	Electrical assembly
5,766,497	A. Mitwalsky, J. G. Ryan, and T. A. Wassick	Ablation patterning of multi-layered structures
5,766,499	D. P. Labzentsis, J. Reid, and K. J. Blackwell	Method of making a circuitized substrate
5,766,670	B. J. Cayson, C. M. Boyko, I. S. Mahmoud, J. D. Kulesza, J. F. Muska, J. G. Sabia, J. M. Lauffer, K. I. Papathomas, P. C. Liu, R. A. Schumacher, R. L. Arldt, R. M. Kozlowski, and V. R. Markovich	Via fill compositions for direct attach of devices and methods for applying same
5,766,808	H. G. Linde, R. A. Previti-Kelly, and T. J. Reen	Process for forming multilayer lift-off structures
5,766,968	A. R. Baker, D. Kenney, D. A. Carl, M. Armacost, T. Licata, and W. S. Berry	Micro mask comprising agglomerated material
5,766,971	C. Yu, D. C. Ahlgren, E. G. Walton, G. B. Bronner, and W. Natzle	Oxide strip that improves planarity
5,767,014	C. J. Hawker, J. L. Hedrick, and R. D. Miller	Integrated circuit and process for its manufacture
5,767,017	D. Harmon, D. M. Kenney, M. Armacost, and S. Grundon	Selective removal of vertical portions of a film
5,767,549	D. K. Sadana, W. Chen, and Y. Taur	SOI CMOS structure
5,767,624	J. C. Scott, J. G. Gordon II, J. H. Kaufman, M. Kreyenschmidt, R. D. Miller, and S. Karg	Light emitting device
5,767,628	D. K. Coultas and J. H. Keller	Helicon plasma processing tool utilizing a ferromagnetic induction coil with an internal cooling channel
5,767,691	R. L. Verkuil	Probe-oxide-semiconductor method and apparatus for measuring oxide charge on a semiconductor wafer
5,767,698	D. L. Pease, J. D. Strom, J. F. Mikos, and R. D. Emeigh	High speed differential output driver with common reference
5,767,717	E. B. Schorn and R. G. Stephany	High performance dynamic logic compatible and scannable transparent latch
5,767,747	W. D. Pricer	Electronic low power clock circuit and method
5,767,789	A. Afzali, C. Feild, D. W. Duan, H. Heinrich, M. J. Brady, and P. A. Moskowitz	Communication channels through electrically conducting enclosures via frequency selective windows
5,767,807	D. M. Pritchett	A communication system and methods utilizing a reactively controlled directive array
5,767,833	M. Vanderwiele, M. R. Cooper, and R. Ravisankar	Method and system for providing external bitmap support for devices that support multiple image formats
5,767,840	E. J. Selker	Six-degrees-of-freedom movement sensor having strain gauge mechanical supports
5,767,849	C. V. Powell, I. M. Holland, K. Borgendale, K. R. Lawrence, and R. L. Verburg	Personality neutral window management subsystem

5,767,852	C. A. Pickover, J. G. McLean, and N. Keller	Priority selection on a graphical interface
5,767,855	D. D. Bardon and S. H. Isensee	Selectively enlarged viewer interactive three-dimensional objects in environmentally related virtual three-dimensional workspace
5,767,893	C. S. Li, M. S. Chen, and P. S. Yu	Method and apparatus for content based downloading of video programs
5,767,957	C. M. DeCusatis and W. A. Barringer	Testing an optical cable having multiple fibers by the application of a light pulse to all fibers through optical jumpers of incrementally varying lengths
5,768,017	M. King, S. M. Mansfield, and W. H. Vonderhaar	Optical system for producing uniform line illumination
5,768,044	S. R. Hetzler and W. J. Kabelac	Zoned recording embedded servo disk drive having no data identification fields and reduced rotational latency
5,768,052	G. J. Smith	Data storage disk clamp apparatus for minimizing disk clamping force and surface area
5,768,054	B. Brezoczky and H. Seki	Tribo-attractive contact data storage system
5,768,064	A. Gredinberg, H. J. Baasch, J. L. Neubauer, J. R. Reidenbach, L. Berg, O. J. Ruiz, P. M. Herman, and W. C. Shum	Actuator arm assembly having a removable actuator arm
5,768,068	A. J. Wallash, E. A. Eckberg, and R. R. Suchomel	Head/suspension design having fewer signal wires and method for making the same
5,768,069	D. Mauri	Self-biased dual spin valve sensor
5,768,071	T. Lin	Spin valve sensor with improved magnetic stability of the pinned layer
5,768,076	A. C. Tam, P. Baumgart, T. A. Nguyen, and W. P. Leung	A magnetic recording disk having a laser-textured surface
5,768,152	E. H. Welbon, J. R. Robinson, R. J. Williams, and R. P. Battaline	Performance monitoring through JTAG 1149.1 interface
5,768,228	A. A. Fennema, K. A. Bates, and T. E. Semba	Method and system for cancelling optical servo crosstalk in optical disk drives
5,768,262	B. D. Mandalia, C. Hallock, C. Thomson, C. H. Sederholm, G. J. Salem, H. Parikh, and W. J. Shomar	Methods for performing intelligent network services with an ISDN network terminator located at a subscriber's premise
5,768,279	B. S. Barn, C. M. Look, J. Geofroy, and P. B. Kothary	Broadband transmission system
5,768,294	C. L. Chen, M. Y. Hsiao, W. H. Lipponer, and W. W. Shen	Memory implemented error detection and correction code capable of detecting errors in fetching data from a wrong address
5,768,390	D. Coppersmith, D. B. Johnson, and S. M. Matyas	Cryptographic system with masking
5,768,474	C. Neti	Method and system for noise-robust speech processing with cochlea filters in an auditory model
5,768,488	D. E. Stone, J. W. Marlin, and R. H. Hohensee	Enhanced page placement for multiple-up presentation
5,768,493	M. Kumar	Algorithm for fault tolerant routing in benes networks
5,768,504	T. R. Kells and W. Sigler	Method and apparatus for a system wide logon in a distributed computing environment
5,768,511	M. J. Galvin, M. M. Nix, V. Vasandani, and Z. Liu	Method and system for managing objects in networked computer systems
5,768,520	A. Dan, D. Sitaram, M. G. Kienzle, and W. H. Tetzlaff	Method for determining load capacity by grouping physical components into logical components whose loads represent fixed proportional loads of physical components
5,768,523	M. A. Schmidt	Program product for processing requests for notice of events
5,768,524	M. A. Schmidt	Method for processing requests for notice of events
5,768,532	M. G. Megerian	Method and distributed database file system for implementing self-describing distributed file objects
5,768,537	A. S. Butter, A. Y. Ngai, J. M. Kaczmarczyk, and R. J. Yagley	Scalable MPEG2 compliant video encoder
5,768,538	A. S. Gopal, J. Turek, J. A. Pershing, L. Brenner, M. A. Kaplan, M. L. Blount, O. T. Kirby, P. R. Badovinatz, and T. D. Chandra	Barrier synchronization method wherein members dynamic voting controls the number of synchronization phases of protocols and progression to each new phase
5,768,550	M. E. Dean and T. Nguyen	Bus interface logic system
5,768,556	J. G. Heaslip, J. H. Hesson, M. G. Canada, P. Wilcox, S. W. Mahin, and W. Esling	Method and apparatus for identifying dependencies within a register
5,768,572	D. G. George and S. E. Reynolds	Timer state control optimized for frequent cancel and reset operations
5,768,573	R. C. Dixon	Method and apparatus for computing a real time clock divisor
5,768,588	J. C. Endicott, R. P. Resch, and S. J. Munroe	Efficient method router that supports multiple simultaneous object versions